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Lancaster Farming

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1992 Brings The Seventy-Sixth Farm Show

Holly's Offspring Fosters Champions For Family

ANDY ANDREWS
Lancaster Farming Staff

TOUGHKENAMON (Chester Co.) — Their registered Jersey cow "Holly" means an awful lot to them.

For Farm Show exhibitors Beth and Patti Jenkins, Holly, which as a calf placed high in 4-H and local fair competition, produced many generations of farm show, fair, and national competition grand and reserve champions.

Ever since she won 4-H reserve junior champion as an intermediate calf in 1975, Holly's progeny have placed high in Farm Show events, including a four-champion set back in 1990 and reserve grand in 1989. Hollywood, Holly's daughter, was second in the class at the National Junior Show in 1987.

And while many Farm Show exhibitors realize strength in numbers (being able to pick a number of quality show animals from substantially sized herds), the Jenkins have only 20 animals to choose

(Turn to Page A26)

Patti, right, and Beth Jenkins pose with Shamrock, a great-great-great granddaughter of Holly, a 17-year-old registered Jersey that produced many Pennsylvania Farm Show champions. *Photo by Andy Andrews.*

Youths' Woes, Worries Set Aside For Farm Show

VERNON ACHENBACH JR.
Lancaster Farming Staff

SOUTH LEBANON (Lebanon Co.) — John Risser is an 18-year-old who has dreams of operating a hog farm near home.

However, the possibility of doing so doesn't look promising, he said.

There is only so much land available for agriculture in the limestone-rich Lebanon Valley where Risser lives with his father and mother.

Currently, the 110 acres that is farmed by the Rissers is actually owned by John Starner, John Risser's grandfather, who purchased a large farm in the early 1950s when land was relatively inexpensive and loans carried little interest.

(Turn to Page A25)

Show Opens With Something For Everyone

EVERETT NEWSWANGER
Managing Editor

HARRISBURG (Dauphin Co.)—The 76th Pennsylvania State Farm Show here in the Farm Show complex has a new schedule this year. The first judging is done on Thursday and Friday, January 9 and 10. And the show opens to the public on Saturday instead of Sunday. The show ends on Thursday, January 16 instead of Friday.

Because of this new schedule that includes a full weekend, State Secretary of Agriculture Boyd Wolff says this year's show is geared toward the family more than ever before.

"Pennsylvania has good reason to be proud of its agricultural community, the leading force in our economy for 300 years," Wolff said. "Cash income from farm marketings in 1990 was $3.78 billion, a six percent increase over the previous year. Agriculture exports from the Keystone State were up again last year and now total $315 million annually."

Wolff said agriculture stimulates $38 billion in economic activity and provides jobs for 20 percent of the state's workforce. The incredible efficiency and productivity of Pennsylvania's farmers and agribusinesses have kept the industry number one in the state.

The Farm Show keeps farmers and consumers abreast of what's new in agriculture. Suppliers of products and services have the opportunity to develop new markets and farm organizations can use the occasion to hold member meetings.

All set for the Pennsylvania Farm Show are (from left) Kevin, Corey, and Lisa Pfautz and their crossbred hogs. Read about this sibling trio and their preparations for the Farm Show on page B10.

INDEX

Sec. A...Market Reports & General News.
Sec. B...Women's News, Public Sales & Mailbox Market.
Sec. C...Business News & Classified 4-36
Sec. D...Classified 1-3.
Sec. E...Keystone FFA
Sec. F...Keystone FFA
See Story Index Page A3.

PENNSYLVANIA AGRICULTURE
Quality From Our Home To Yours

Farm exhibitors of dairy cattle, livestock and field crops have a lot of incentive to display their best production for the year. A record $198,266 in premiums is being offered this year. Of historical interest is the record of 1917 when 440 entries took home $735 in premiums.

Many special features are part of this show. The following notes of interest will help you to enjoy the show.

SPECIAL FEATURES AND DAILY ATTRACTIONS

(Turn to Page A11)

Get Ready For The Farm Show. Find Farm Show Stories, Advertising Messages, Meeting And Judging Schedules, And Exhibitor Locations In This Special Issue.

Lancaster Co. Livestock Market Auctions

Lancaster Livestock Auction

Lancaster, Pa.
Monday, December 30, 1991
Cattle Calves Hogs Sheep Goats

Monday's Auction
1002 88 103 1072 391
Last Monday's Auction
476 109 316 872 296
Last Year's Auction
641 93 214 1348 344

CATTLE: Choice and Prime slaughter steers steady, Select to low Choice weak to 50 lower; slaughter heifers steady, instances 50 lower; cows fully steady; bullocks steady; bulls fully steady. Supply included 50% slaughter steers, 19% slaughter heifers, 22% cows, and 9% bulls.

SLAUGHTER STEERS: Choice 2-3 few 4 1080-1425 lb 68.00-71.00; mixed Choice and Prime 2-4 1180-1300 lb 71.00-72.00, 3-4 1440-1550 lb 67.75-69.50; Choice 3-4 1450-1550 lb 64.50-67.50; Select and low Choice 2-3 1150-1425 lb 64.50- 67.50.

HOLSTEINS: Choice 1300-1575 lb 59.00-61.50; few High Choice and Prime 1300- 1450 lb 62.25-63.75; few Select 1200-1600 lb 56.00-59.00.

SLAUGHTER HEIFERS: Choice 2-3 975-1250 lb 63.75-67.75; few Choice 2 1250- 1350 lb 68.00-68.50; Select 2-3 900-1250 lb 59.75-63.50.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 48.00-51.00 51.50-53.00 Commercial 3-4 46.00-48.00 Cutter & Boning Utility 1-2 44.50-46.50 46.50-49.50 49.50-50.50 Canner & low Cutter 40.00-42.00 42.00-46.00.

BULLOCKS: Choice 2-3 1150-1350 lb 64.75-68.00, couple 70.00-71.50; Select 1-3 1050-1250 lb 62.50-65.00.

BULLS: Yield grade 1 1250-2000 lb 63.75-67.50, 10 head 68.50-71.50, with six head 72.00-75.25; Yield grade 2 1000-1600 lb 59.75-63.50.

CALVES: Vealers steady; slaughter calves 5.00-8.00 higher. Demand good for Holstein bulls to return to farm.

VEALERS: Couple Choice 260-300 lb 105.00-120.00; high Good and low Choice 190-350 lb 75.00-93.00, 80-110 lb 50.00-62.00.

SLAUGHTER CALVES: Good and Choice 300-450 lb 70.00-80.00, few Choice 80.00- 85.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 130.00-150.00, few 150.00- 170.00.

HOGS: Barrows and gilts not fully tested; small supply sows 3.00-4.00 higher.

BARROWS AND GILTS: US 1-3 210-255 lb 37.50-38.50.

SOWS: US 1-3 300-625 lb 30.00-32 00.

BOARS: All weights 23.00-23 50

SHEEP: Slaughter lambs 3.00-5.00 higher; slaughter ewes 2.00-5.00 higher.

WOOLED LAMBS: Choice 70-90 lb 60 00-65.00, 90-120 lb 55 00-60.00, few 120- 135 lb 42.00-52.00.

SHORN LAMBS: Choice 90-125 lb with #1 Pelts 58.00-65.00, few 85-90 lb 65.00- 70.00.

Vintage Livestock Auction

Paradise, Pa.
Tuesday, December 31, 1991
Report Supplied by USDA

CATTLE 596...USDA... Supply included 27% slaughter steers and 68% cows ... Compared with Monday's market: Slaughter steers, few Choice and Prime fully steady, bulk Low to Average Choice weak to 1.00 lower; Heifers, Bullocks, Bulls not fully tested; Cows .50 to 1.00 lower. Choice 2-4, 1075/1400 lbs. slaughter steers 67.00-70.50, few 70.50-71.25, Choice #2, 1175/1425 lbs. 71.50-73.00, 3 head 73.85-75.00, 3-4, 1400/1580 lbs. 64.75-67.00, Select and low Choice 2-3, 1200/1450 lbs. 64.00-67.75, few 1450/1850 lbs. 62.00-64.00, few Select 2-3 1050/1400 lbs. 61.75-63.50. Few Choice 2-3, 1150/1270 lbs. sl. heifers 60.00-62.75, couple 1065/1470 lbs. 57.00-59.00. Breaking Utility & Commercial sl. cows 2-3 bulk 47.75-50.00 high dressing 50.00-51.75, Commercial 3-4 44.00-46.50, Cutter & Boning Utility 1-2, low dressing 44.25-46.50, bulk 46.50-49.50, high dressing 49.50-50.75, Canner & Low Cutter, low dressing 38.75-41.50, bulk 41.50-45.00. Few Yield Grade 1-2, 140/1950 lbs. sl. bulls 60.00-64.75.

CALVES 918... Supply included 603 in graded sale of which 87% sold to return to farm ...Vealers steady. Few Good 135/255 lbs. 59.00-70.00. Farm Calves: Holstein Bulls 95/125 lbs. 144.00-153.00, 85/95 lbs. 155.00-164.00, 80 lbs. 132.00. Small Frame 90/115 lbs. 120.00-129.00, 85 lbs. 80.00; bulk Hol. Heifers 100/115 lbs. 168.00,90/95 lbs. 100.00, Small Frame 70/95 lbs. 59.00-70.00.

SHEEP 4...No market test. - all per cwt.

GOATS 0...No market test. - all per head.

Lebanon Valley Livestock Auction

Fredericksburg, Pa.
Tuesday, December 31, 1991
Report Supplied by PDA

NO SALE TUESDAY, DECEMBER 24, 1991, DUE TO HOLIDAY!

SALE NOT REPORTED TUESDAY, DECEMBER 31, 1991!

NEW CROP LAMBS: Choice 40-60 lb 80.00-100.00, few 60-100 lb 75.00-80.00.

SLAUGHTER EWES: Utility and Good 28.00-40.00; Yearlings and two-year olds 35.00-45.00.

GOATS: All goats sold by the head. Large Billies 75.00-100.00, few 100.00-140.00. Large Nannies 60.00-70.00, few 50.00-60.00. Supply included around 150 Medium feedlot Goats 45.00-80.00, few Small 30.00-50.00. Few individual Medium 40.00-55.00. Small, mainly kids, not tested.

Lancaster Livestock Auction

Wednesday's market report has been discontinued until further notice because of insubstantial receipts.

Some markets not available due to the holiday

Westminster Livestock Auction

Hagerstown, Md.
Tuesday, December 31, 1991
Report supplied by auction

SLAUGHTER COWS: 50 HD. UTILITY 45.00-48.00; HIGH DRESSING TO 49.50; CANNERS 42.00-45.00; SHELLY 41.00 AND DOWN.

BULLS: 1 YG#1 1945 LBS. AT 61.25; YG #2 1200-1500 LBS. 54.00-57.25.

FED STEERS: LOW CHOICE 1200-1400 LBS. 66.00-67.25; 1 1070 LB. AT 68.25.

FED HEIFERS: 1 CHOICE 1225 LBS. AT 64.00.

VEAL CALVES: CHOICE 160-300 LBS. 84.00-95.00; 1 PRIME 370 LB. AT 112.00; CULLS 85-110 LBS. 46.00-54.00; 50-80 LBS. 40.00-50.00; WEAK/ROUGH 40.00 DOWN.

FARM CALVES: HOLSTEIN BULLS #1 95-120 LBS. 130.00-143.00; #2 100.00-130.00; 80-90 LBS. 65.00-110.00; HOLSTEIN HEIFERS 95-120 LBS. 127.00-145.00; BEEF X BULLS FEW TO 117.00.

BUTCHER HOGS: LIGHT RUN; NO HANDYWEIGHTS OFFERED. 280-400 LBS. 29.00-31.75.

SOWS: 15 HEAD. 300-500 LBS. 28.00-30.25; 500-700 LBS. 30.00-31.00.

BOARS: 3 HEAD. 500-700 LBS. 21.00-22.00.

STOCK CATTLE: 40 HEAD. STEERS FEW 400-500 LBS. 77.00-79.00; 1 965 LB. AT 62.50.

HEIFERS: 300-500 LBS. 63.00-73.00; 500-600 LBS. 66.00-73.00; 600-700 LBS. 60.00-64.50.

BULLS: 200-400 LBS. 76.00-89.00; 400-500 LBS. 74.00-77.00; FEW 900 LBS. TO 57.50.

LAMBS: CHOICE 80-110 LBS. 52 00-56.00; 60-80 LBS. 60.00-64.00; 1 45 LB. NEW CROP AT 80.00.

SHEEP: 20.00-30.00; FEW 32.00-34.00.

GOATS: LARGE 60.00-66.00; MEDIUM 45.00-58.00; SMALL 20 00-35.00.

PIGS AND SHOATS: 85 HEAD. BY THE HEAD, 20-30 LBS. 13.00-20.00; 35-50 LBS. 25.00-30.00; 1 LOT 60 LBS. AT 38.00; BY THE POUND, FEW 140 LB. AT 30.50; 1 STOCK BOAR 315 LB. AT 26.00.

New Holland Livestock Auction

Lancaster, Pa.
Thursday, January 2, 1992
Cattle Calves Sheep Goats

Today
1238 799 82 83
Last Thursday
754 711 27 160
Last Year
1140 924 87 31

CATTLE: Slaughter steers uneven, few Choice and Prime fully steady, bulk of Select to average Choice steady to weak; slaughter heifers steady; cows steady; bullocks not tested; bulls steady to weak. Supply included 38% slaughter steers and 48% cows.

SLAUGHTER STEERS: Choice 2-4 1100-1425 lb 67.50-70.50, few 70.50-72.00; High Choice and Prime 2-4 1200-1425 lb 70.85-73.00; Choice 3-4 1100-1450 lb 63.00- 67.00; Select and low Choice 2-3 1100-1450 lb 64.00-67.25; few Select 2-3 1050-1300 lb 60.00-63.50.

HOLSTEINS: High Choice and Prime 1100-1450 lb 61.25-63.50, few 1570-1590 lb 60.10-60.75; Choice 1100-1450 lb 59.00-61.25, one lot 1540 lb 58.50; Select 1200-1550 lb 55.00-58.50.

SLAUGHTER HEIFERS: Choice 2-3 1050-1350 lb 62.75-66.25, couple Choice 2 67.50-69.25; Select 2-3 925-1300 lb 58.75-61.00.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 46.00-50.00. Commercial 3-4 43.50-46.50. Cutter & Boning Utility 1-2 45.00-46.00 46.00-49.00 few 49.25-51.75 Canner and low Cutter 39.00-41.50 41.50-45.50.

BULLS: Yield grade 1 1350-1970 lb 62.00-65.50, four head 69.00-70.75; Yield grade 2 1000-1800 lb 59.00-61.75.

CALVES: Vealers steady, although Choice and Prime scarce. Demand good for Holstein bulls and heifers to return to farm.

VEALERS: Couple high Choice and Prime 215-355 lb 124.00-132.00; few Choice 150-325 lb 106.00-114.00; high Good and low Choice 235-455 lb 71.00-87.00, 80-110 lb 50.00-57.00; few Good 170-225 lb 60.00-65.00; Standard and low Good 50-80 lb 40.00-50.00.

RETURNED TO FARM: Bulk 95-125 lb Holstein Bulls 135.00-170.00, few 170.00- 175.00, 85-95 lb 110.00-135.00; small frame 95-115 lb 95.00-135.00, 80-95 lb 75.00-105.00; bulk 95-120 lb Holstein Heifers 135.00-167.00, few 170.00-180.00; 85-95 lb 85.00-110.00; small frame 75-95 lb 60.00-85.00.

SHEEP: Wooled lambs steady; slaughter steady.

WOOLED: Choice 70-105 lb 61.00-70.00; Good to low Choice 70-110 lb 52.00- 59.00; few Choice 25-35 lb New Crop Lambs 95.00-135.00; few 50-70 lb 70.00- 90.00.

SLAUGHTER EWES: Good and Choice 17.00-28 00, few 28 00-37.00.

GOATS: All goats sold by the head. Large 72.00-98.00, ten Head 110.00-122.00; Medium 49.00-68.00; few Small 31 00-44.00.

Keister's Middleburg Livestock

Middleburg, Pa.
December 30, 1991
Report supplied by Auction

CATTLE: 342. HIGH CHOICE & PR. 68.00-73.75, FEW $4= 1400= 1700= 62.00-67.75; CHOICE 68.50-73.50; GOOD 64.00-67.75 (HOL. STEER CHOICE 62.00-64.25); STANDARD 60.00-63.75 (HOL. STEER SELECT 58.00-61.75); UTILITY (HOL. STEER STANDARD 55.00-57.75). HEIFERS: CHOICE 67.50-72.75; GOOD 63.00-66.75; STANDARD 58.00-62.50; UTILITY 52.00-57.75. COWS: UTILITY & COMMERCIAL 47.00-50.50, FEW 51.75; CUTTER & BON. UT. 46.00-49.75; CANNER & LOW CUTTER 40.00-45.75; SHELLS DOWN TO 35.00-40.00.

Lancaster County Weekly

Lancaster, Pa.
Friday, January 3, 1992
Cattle Calves

This Week
3100 1800
Last Week
1502 1387
Last Year
2437 1464

CATTLE: Slaughter steers uneven, few Choice and Prime 2 to mostly 3 fully steady, bulk of Select to average Choice 50-1.00 lower; slaughter heifers steady, instances 50 lower; cows 50-1.00 lower; bullocks steady; bulls steady to weak. Supply included 37% slaughter steers, 8% slaughter heifers, 39% cows, 5% bulls, with the balance feeders.

SLAUGHTER STEERS: Choice 2-4 1075-1425 lb 67.50-70.50, few 70.50-72.00; High Choice and Prime 2-4 1200-1425 lb 70.85-73.00; Choice 3-4 1100-1550 lb 63.00- 67.00; Select and low Choice 2-3 1100-1450 lb 64.00-67.50, few 1450-1550 lb 62.00-64.00; few Select 2-3 1050-1400 lb 60.00-63.50.

HOLSTEINS: High Choice and Prime 1100-1450 lb 59.00-63.50, few 1570-1590 lb 60.10-60.75; Choice 1100-1475 lb 59.00-61.50, one lot 1540 lb 58.00; Select 1200-1600 lb 55.00-59.00.

SLAUGHTER HEIFERS: Choice 2-3 975-1350 lb 62.75-67.75; few Choice 2 1250- 1350 lb 68.00-69.25; Select 2-3 900-1300 lb 58.75-63.50.

COWS: LOW DRESSING BULK HIGH DRESSING Breaking Utility & Commercial 2-3 46.00-50.00 50.00-51.75 Commercial 3-4 43.50-46.50 Cutter and Boning Utility 1-2 44.25-46.50 46.50-49.50 49.50-50.75 Canner and low Cutter 38.75-41.50 41.50-46.00.

BULLOCKS: Choice 2-3 1150-1350 lb 64.75-68.00, couple 70.00-71.50; Select 1-3 1050-1250 lb 62.50-65.00.

BULLS: Yield grade 1 1350-2000 lb 62.00-67.50, 15 head 68.50-71.50, with six head 72.00-75.25; Yield grade 2 1000-1600 lb 59.00-63.50.

CALVES: Vealers steady; slaughter calves 5.00-8.00 higher. Demand good for Holstein bulls and heifers to return to farm.

VEALERS: Couple High Choice and Prime 215-355 lb 124.00-132.00; few Choice 150-325 lb 105.00-120.00; high Good and low Choice 190-455 lb 71.00-93.00, 80-110 lb 50.00-62.00; few Good 170-225 lb 60.00-65.00; Standard and low Good 50-80 lb 40.00-50.00.

SLAUGHTER CALVES: Good and Choice 300-450 lb 70.00-80.00, few Choice 80.00- 85.00.

RETURNED TO FARM: Bulk 95-125 lb Holstein bulls 135.00-170.00, few 170.00- 175.00, 80-95 lb 110.00-135.00, small frame 95-115 lb 95.00-139.00, 80-95 lb 75.00-105.00. Bulk 95-120 lb Holstein heifers 135.00-168.00, few 170.00-180.00, 85-95 lb 85.00-110.00; small frame 75-95 lb 59.00-85.00.

Jersey Shore Livestock Market, Inc.

Auction every Thursday at 4:00 p.m.
Jersey Shore, Pa.
Report supplied by Auction
Thursday, Jan. 2, 1992

RETURN TO FARM CALF .90-1.70
GOOD VEAL: 60.00-89.00
COMMON VEAL: 30.00-59.00.
CHOICE STEERS: 65.00-68.50.
SELECT STEERS: 60.00-64.00.
COMMON STEERS: 54.00-59.00.
COMMERCIAL COWS: 46.00-51.00.
CANNERS-CUTTERS: 44.00-52.50.
SHELLS: 30.00-43.00.
CHOICE HEIFERS: 64.00-66.00.
SELECT HEIFERS: 59.00-63.00.
COMMON HEIFERS 48.00-58.00.
COMMON FEEDERS: 20.00-65.00.

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Flea Market Auction every Tuesday at 12:30, Tools, Eggs, Produce, etc.
Buyers & Sellers Welcome

HAY, STRAW & CORN
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Please Note New Sale Time!
Starting Jan. 3
Sale Starts 10 AM
Every Friday At 10 AM
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RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

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Open 24 hours a day
365 days a year
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AUCTIONS
MONDAY
9:00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. - Goats, Veal Calves, Lambs
12 Noon - Slaughter Hogs
WEDNESDAY
8:00 A.M. - Slaughter Hogs
10:00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. - Veal Calves, Lambs
FRIDAY
11:00 A.M. - Stocker and Feeder Cattle
SATURDAY
8:00 A.M. - Slaughter Hogs
Next Feeder Cattle Sale
Friday, Jan. 10 - 11:00 A.M.
LANCASTER STOCKYARDS, INC.
1147 Lititz Pike, Lancaster, Pennsylvania 17601
Serving The Community For 96 Years

VINTAGE SALES STABLES, INC.
SALE TUESDAYS
11:00 A.M.
SLAUGHTER CATTLE AUCTION — STEERS, BULLS, HEIFERS, COWS, FEEDER CATTLE
7:30 P.M.
CALVES, SHEEP, GOATS
* GET CALVES IN EARLY — OUR STATE GRADER STARTS AT 1:00 P.M.
L. ROBERT FRAME, SR., PRESIDENT
BUS (717) 442-4181
BUS (717) 768-8204
HOME (215) 458-8518
IRWIN MARTIN, FIELD REP.
(717) 733-7434
KENNETH E. HERSHEY, FIELD REP.
(717) 442-4874
TRUCKING SERVICE AVAIL.-LOCAL & LONG DISTANCE
(RT. 30, 10 MILES EAST OF LANCASTER IN PARADISE, PA)

Hog Markets

New Holland Hog Auction

Lancaster, Pa.
Monday, December 30, 1991

Hog Receipts:

Today	1023
Last Monday	993
Last Year	622

TREND: Compared to last Monday barrows and gilts 2.00-3.00 lower.

BARROWS AND GILTS: US 1-2 210-245 lb 39.50-40.75, Late mainly 39.50.

US 1 210-240 lb 41.00-42.00, One lot 43.00.

US 1-3 210-255 lb 38.00-39.00.

US 2-3 260-280 lb 35.50-36.25.

Lancaster Hogs

Lancaster Stockyards
Sat., Dec. 28, 1991
Report supplied by auction

472 HEAD.

US 1 215-245 LBS. 41.50-42.50.

US 1-2 215-245 LBS. 40.50-41.50.

US 1-3 215-245 LBS. 39.50-40.50.

US 2-4 215-255 LBS. 37.50-39.50.

HEAVY HOGS 270-290 LBS. 35.00-37.50.

LIGHTWEIGHT HOGS: 195-210 LBS. 35.00-38.00; 180-195 LBS 35.00-37.00; 120-180 LBS. 32.50-36.00; 80-120 LBS. 45.00-58.00; 50-80 LBS. 50.00-62.00.

GOOD SOWS: 28.00-31.00; MEDIUMS 25.00-28.00; THIN SOWS: 22.00-25.00.

HEAVY BOARS 22.50-23.50; LIGHT JR. BOARS: 27.50-30.00.

State Graded Feeder Pig Sale

at Carlisle Livestock Auction
Friday, Dec. 27, 1991

RESULTS ON 1353 PIGS.

TREND: STRONG DEMAND! COMPARED TO DEC. 13, STATE GRADED PIGS WERE A FIRM 10.00 SPOTS TO 20.00 HIGHER. ALL PIGS WERE WEIGHED ON ARRIVAL AND SOLD BY THE HUNDRED WEIGHT.

US NO. 1&2'S: 711 HD. 13 HD. 32-39 LBS. 100.00-110.00; 149 HD. 42-49 LBS. 90.00-100.00; 369 HD. 50-59 LBS. 80.00-96.50; 164 HD. 60-69 LBS. 75.00-87.00; 16 HD. 70-79 LBS. 69.00-75.00.

US NO. 2'S: 508 HD. 34 HD. 20-29 LBS. 130.00-133.00; 59 HD. 30-39 LBS. 76.50-91.00; 107 HD. 40-49 LBS. 70.00-93.00; 203 HD. 50-59 LBS. 65.50-83.00; 105 HD. 60-89 LBS. 57.00-69.00.

US NO. 2&3'S: 64 HD. 31 HD. 25-39 LBS. 80.00-89.00; 19 HD. 40-49 LBS. 70.00-75.00; 14 HD. 50-80 LBS. 56.00-60.00.

AS IS: 39 HD. 2 HD. 20 LBS. 25.00; 37 HD. 30-55 LBS. 67.00-75.00.

UTILITIES: 35 HD. 16-75 LB. 46.00-63.00.

WE WISH ALL OF YOU A HAPPY NEW YEAR AND THANK YOU FOR YOUR PATRONAGE.

NEXT STATE GRADED FEEDER PIG SALE: FRIDAY, JANUARY 10, 1992, SALE 1:30 P.M., GRADING 7:30 UNTIL 11:30 A.M.

New Holland Feeder Pigs

New Holland, PA
Wed., January 1, 1992
Report Supplied by Auction

569 HEAD.

1'S AND 2'S, 20-29 LBS. 82.00-88.00; 30-39 LBS. 86.00-98.00; 40-49 LBS. 82.00-90.00; 50-59 LBS. 82.00-86.00; 60-69 LBS. 70.00-76.00.

2'S AND 3'S, 20-29 LBS. 70.00-75.00; 30-39 lbs. 80.00-86.00; 40-49 lbs. 80.00-85.00; 50-59 lbs. 80.00-83.00; 60-69 lbs. 65.00-70.00.

Indiana Hogs

Louisville, Kentucky
Thursday, January 2, 1992

INDIANA DIRECT HOGS FLASH: BARROWS AND GILTS: COMPARED TO TUESDAY STEADY TO FIRM; DEMAND MODERATE. PLANTS STEADY TO .50 LOWER. COUNTRY: PLANTS: US 1-2 220-260 LBS. 34.00-36.00 35.00-35.75 FEW TO 36.25. 210-220 LBS. 32.00-34.00.

US 1-3 220-260 LBS. 33.00-35.00.

SOWS: UNDER 500 LBS. STEADY TO 1.00 HIGHER; OVER 500 LBS. STEADY TO 1.00 LOWER.

US 1-3 300-500 LBS. 23.00-26.00; 500-650 LBS. 25.00-28.00.

TODAY'S PRELIMINARY ESTIMATE: 23,000.

Peoria Hogs

Peoria, Illinois
Thursday, January 2, 1992

FEDERAL-STATE OPENING, MID-SESSION AND CLOSE HOGS: 1200 TRADING FAIRLY ACTIVE. BARROWS AND GILTS .25 TO MOSTLY .50 LOWER COMPARED WITH TUESDAY SUPPLY MAINLY US 1-3 230-260 LBS.

US 1-3 220-250 LBS. 36.00-36.50, 90 HEAD 36.75 200-220 LBS. 30.00-32.00 2-3 230-260 LBS. 35.50-36.00 FEW 260-280 LBS. 33.50-35.50.

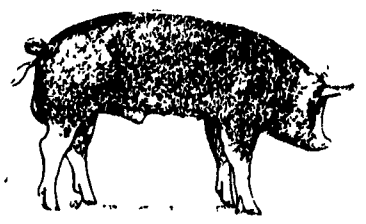
SOWS: STEADY TO .50 LOWER 23%.

US 1-3 325-500 LBS. 28.00-28.25 500-650 LBS. 28.50.

BOARS: OVER 350 LBS. 26.50 UNDER 350 LBS. 27.50.

HOG 214 SB 34.00-36.00 SC 36.00-36.75 SF 34.00-36.00 SG 36.00-36.75 SH 35.50-36.00 SK 35.50-36.00 SL 34.50-35.50 SW 28.00-28.25 SX 28.00-28.25 SY 28.50-28.50 SZ 28.50-28.50 TA 26.50-26.50.

DUE TO THE CLOSING OF THE MARKET NEWS OFFICE AT THE PEORIA UNION STOCKYARDS, THIS REPORT WILL NO LONGER BE AVAILABLE AFTER JANUARY 15, 1992



Hay & Grain Markets

Pa. Grain

Dec. 30, 1991
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL, AND SOUTH CENTRAL PA: CORN STEADY TO .01 HIGHER; WHEAT STRONG TO .11 HIGHER; BARLEY AND SOYBEANS STEADY TO .03 HIGHER; OATS UNEVENLY STEADY; EAR CORN STEADY TO 1.00 HIGHER.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.60-2.95, AVERAGE 2.82; @WHEAT NO. 2 RANGE 3.60-4.30, AVERAGE 4.06, FEW REPORTED CONTRACT FOR HARVEST 3.00-3.40; BARLEY NO. 3 RANGE 1.90-2.20, AVERAGE 2.09; FEW REPORTED CONTRACT FOR HARVEST 1.65-1.92; OATS NO. 2 RANGE 1.60-1.80, AVERAGE 1.75; SOYBEANS NO. 1 RANGE 5.40-5.65, AVERAGE 5.54; FEW REPORTED GR. SORGHUM #2 RANGE 2.60, AVERAGE 2.60; FEW REPORTED EAR CORN RANGE 67.00-90.00, AVERAGE 78.29.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.80-2.95, AVERAGE 2.88; @WHEAT NO. 2 RANGE 3.40-3.70, FEW REPORTED 4.10, AVERAGE 3.53; BARLEY NO. 3 RANGE 1.85-2.10, AVERAGE 1.97; OATS NO. 2 RANGE 1.40-1.75, FEW REPORTED 1.20, AVERAGE 1.51; FEW REPORTED SOYBEANS NO. 1 RANGE 5.40-5.60, AVERAGE 5.47; FEW REPORTED EAR CORN RANGE 75.00-90.00, AVERAGE 83.00.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.60-2.98, AVERAGE 2.86; @ WHEAT NO. 2-Y RANGE 3.20-4.30, AVERAGE 3.76; BARLEY NO. 3 RANGE 1.80-2.20, AVERAGE 2.04; OATS NO. 2 RANGE 1.40-1.80, AVERAGE 1.65; SOYBEANS NO. 1 RANGE 5.25-5.65, AVERAGE 5.48; FEW REPORTED EAR CORN RANGE 67.00-90.00, AVERAGE 79.00.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.80-2.98, AVERAGE 2.89; @WHEAT NO. 2 RANGE 3.20-3.90, FEW REPORTED 4.35, AVERAGE 3.53; BARLEY NO. 3 RANGE 1.80-2.20, AVERAGE 2.00; OATS NO. 2 RANGE 1.40-1.90, AVERAGE 1.64; SOYBEANS NO. 1 RANGE 5.25-5.60, AVERAGE 5.38; FEW REPORTED GR. SORGHUM #2 RANGE 3.00, AVERAGE 3.00; FEW REPORTED PER HUNDRED WEIGHT RECLEANED 15% BUCKWHEAT RANGE 8.15, AVERAGE 8.15; FEW REPORTED EAR CORN RANGE 68.00-85.00, AVERAGE 76.67.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.50-2.87, AVERAGE 2.71; @WHEAT NO. 2 RANGE 2.80-4.00, AVERAGE 3.30; BARLEY NO. 3 RANGE 1.90-1.99, AVERAGE 1.95; OATS NO. 2 RANGE 1.40-1.65, FEW REPORTED 1.80, AVERAGE 1.54; FEW REPORTED SOYBEANS NO. 1 RANGE 5.50, AVERAGE 5.50; FEW REPORTED PER HUNDREDWEIGHT RECLEANED 15% BUCKWHEAT RANGE 9.00, AVERAGE 9.00; FEW REPORTED EAR CORN RANGE 55.00-66.00, AVERAGE 58.00.

MONTH AGO

CORN NO. 2-Y 2.81; @WHEAT NO. #2-Y 3.46; BARLEY NO. 3 1.98; OATS NO. 2 1.57; SOYBEANS NO. 1 5.45; FEW REPORTED EAR CORN 74.72.

YEAR AGO

CORN NO. 2-Y 2.44; @WHEAT NO. #2-Y 2.67; BARLEY NO. 3 2.00; OATS NO. 2 1.41; SOYBEANS NO. 1 5.51; FEW REPORTED EAR CORN 62.89.

Good's Hay

Leola, Pa.
Wed., January 1, 1992
Report Supplied by Auction

TOTAL LOADS: 58.
MIXED HAY 90.00-152.00.
ALFALFA: 130.00-178.00.
TIMOTHY: 99.00-140.00.
STRAW: 89.00-115.00.
CORN: 87.00-92.00.
OATS: 2.20 BU.
CLOVER: 100.00.
ORCHARD GRASS: 116.00.
GRASS: 109.00.

Green Dragon Hay

Ephrata, Pa.
Friday, December 27, 1991
Report Supplied by Auction

TOTAL LOADS: 173.
MIXED HAY: 87.00-157.00.
ALFALFA: 92.00-168.00.
TIMOTHY: 115.00-147.00.
CLOVER: 145.00.
ORCHARD GRASS: 92.00-145.00.
STUBBLE HAY: 89.00-97.00.
STRAW: 80.00-105.00.
EAR CORN: 82.00-101.00.
OATS: 2.00-2.25 BU.
FIREWOOD: 35.00½ CORD, 140.00 2 CORDS.

Kirkwood Hay Auction

Kirkwood, Pa.
Tuesday, Dec. 31, 1991
Report Supplied by Auction

78 LOADS OF HAY.

MIXED HAY: FIRST CUTTING 107.00-140.00, 2ND CUTTING 105.00-120.00.

TIMOTHY: 111.00-141.00.

ALFALFA: 1ST CUTTING 122.00-134.00; 2ND 113.00-156.00; 3RD CUTTING 96.00-143.00; 4TH 123.00-158.00.

CLOVER AND TIMOTHY MIX: 110.00-146.00.

CLOVER: 2ND CUTTING 106.00-118.00.

GRASS: 77.00-125.00.

WHEAT STRAW: 87.00-94.00.

BARLEY STRAW: 89.00-106.00.

BARLEY STUBBLE: 131.00.

FIREWOOD: 43.00-45.00 PICK-UP LOAD.

Regional Hay

December 30, 1991
Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER, PRICES PAID BY DEALERS AT THE FARM & PER TON). HAY FULLY STEADY, STRAW STEADY TO 5.00 HIGHER.

ALFALFA 90.00-115.00; MIXED HAY 80.00-110.00; TIMOTHY HAY 75.00-110.00; STRAW 55.00-80.00; MULCH 20.00-45.00.

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 12/27/91. PRICES PER TON: LOADS: 244 HAY, 80 STRAW, AND 17 EAR CORN.

ALFALFA 92.00-145.00; MIXED HAY 95.00-135.00; TIMOTHY HAY 95.00-140.00; STRAW 80.00-100.00; EAR CORN 82.00-97.00.

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 12/27/91. PRICES PER TON: LOADS: 81 HAY, 18 STRAW & 10 EAR CORN.

ALFALFA 91.00-145.00; MIXED HAY 75.00-100.00; TIMOTHY HAY 90.00-135.00; STRAW 60.00-100.00; EAR CORN 81.00-100.00.

Leinbach's Hay

Shippensburg, PA
December 28 and 31
Report Supplied by Auction

TOTAL LOADS: 108.

ALFALFA: STANDARD 74.00-125.00, GREEN 3RD AND 4TH CUTTING 135.00-188.00.

MIXED HAY: 60.00-135.00.
TIMOTHY: 70.00-117.50.
CLOVER: 97.50-102.50.
BROME GRASS: 91.00-107.00.
ORCHARD GRASS: 65.00-102.00.
STRAW: 60.00-89.00.
EAR CORN: 88.00-98.00.
OATS: 2.00-2.60 BU.
FIREWOOD: 30.00-55.00 LOAD.

Diffenbach Auction Center

New Holland, Pa.
Monday, Dec. 30, 1991
Report Supplied by Auction

TOTAL LOADS: 179.
ALFALFA: 97.00-180.00.
MIXED HAY: 70.00-142.00.
TIMOTHY: 96.00-150.00.
CLOVER: 105.00.
ORHARD GRASS: 102.00-117.00.
STRAW: 80.00-110.00.
EAR CORN: 55.00-100.00.
CORN FODDER: 70.00.
OATS: 2.05-2.30 BU.

This sale was formerly held at the New Holland Sales Stables. It is now held at Diffenbach's New Holland Auction Center Ltd., 100 W. Jackson St., New Holland, across from the prior sale location. Auction time is 10:00 a.m. Monday.

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In this issue

Six Sections

FEATURES
Fern Hitz B12
Ghost Traveler B16
Farm Show Scenes B21
Delmarva Poultry ..... C 4
FFA Keystone Recipients E6,F 5
Farm Show Schedule E17,E18
Farm Show Layout E23
Farm Show Exhibitors E24

HOME AND YOUTH
Homestead Notes ..... B 2
Home On The Range ..... B 6
Cook's Question Corner ..... B 8
Kid's Korner B10
Farm Women Societies B16
4-H Happenings B15,B19

DAIRY
DHIA Focus A27
Dairy Farmers Hold On A30
Seasonal Dairying F11
York Co. DHIA F28
Tioga Co. DHIA F30
Juniata Co. DHIA F38

COLUMNS
Now is the Time A10
On Being A Farm Wife ..... B 5
Microwave Magic ..... B 7
Have You Heard B15
Ida's Notebook B18
Farm Management B20
Poultry Pointers ..... C 7
Livestock Notes F34

DEPARTMENTS
Editorial A10
Farm Calendar A10
Farm Forum A10
Mailbox Markets B25
Sale Reports B29
Public Auction Register B30
Business News ..... C 6
Classified Ads C12,D6,F25

Weekly New York Egg Market Northeast Quotes

From Fri., December 27 to Thurs., January 1

	FRI.	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	.85	.83	.79	C	.76
EX. LARGE	.83	.81	.77	L	.74
LARGE	.78	.76	.72	O	.69
MEDIUM	.66	.64	.60	S	.58
PULLETS	.55	.53	.49	E	.47
OFF GRADE	.66	.64	.60	D	.57
BROWN					
EXTRA LARGE	.93	.90	.85		.82
LARGE	.88	.85	.80		.77
MEDIUM	.78	.75	.70		.68
OFF GRADE					
UNDERGRADES					
AND CHECKS	.23	.23	.21		.20

BREAKING STOCKS: FRI. 48-50 LBS. 36.00-37.00, 50 LBS. AND UP 37.00-39.00; TUES. 48-50 LBS. 34.00-35.00, 50 LBS. AND UP 35.00-37.00; THURS. 48-50 LBS. 33.00-34.00, 50 LBS. AND UP 34.00-36.00.

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Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, December 30, 1991
Report Supplied by Auction

HEAVY FOWL: .60-.75.
LEGHORN FOWL: .35.
BANTAMS, PER LB.: .50-1.20.
PULLETS: 1.35-1.60.
ROOSTERS: .80-1.50.
DUCKS: .40-.80.
RABBITS: 1.20-2.05.
PIGEONS, BY LB. 1.20-2.20.
GUINEAS: 1.10-1.60.

WHITE EGGS: EXTRA LARGE & JUMBO .50-.80; LARGE .38-.70; MEDIUM .37-.58; PULLETS .27.

BROWN EGGS: EXTRA LARGE & JUMBO .70-.86; LARGE .60-.66; MEDIUMS .48-.49.

Philadelphia Eggs

Thursday, January 2, 1992
Report Supplied by USDA

MARKET COMMENT: TRADE SENTIMENT WAS BARELY STEADY TO WEAK. DEMAND COVERED THE FULL RANGE, AND WAS MOSTLY MODERATE. SUPPLIES WERE ADEQUATE TO AMPLE, AND ALL SIZES OF GRADED AND UNGRADED EGGS WERE AVAILABLE. EXTRA LARGE .65-.78¼, A LARGE .63-.76¼, A MEDIUM .52-.63¼.

New York Egg Market

Tuesday, December 31, 1991

Prices were lower. Trade sentiment was barely steady to weak. Cartoned egg demand began to taper off, and was mostly moderate to good. Floor stocks were generally adequate. Graded inventories were occasionally tight as a result of decreased holiday grading schedules, but surplus eggs were available, and traded at discounts, especially from outside the area. The New Jersey inventory was 1% above last Monday's level, and the New York inventory was 18 % below last week.

PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, WHITE EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN.

RANGE EXTRA LARGE .70-.72; LARGE .67-.70; MEDIUM .55-.58.

Eastern PA & NJ Poultry Report

Atlanta, Ga.
Tuesday, December 31, 1991

Sales too few to report price.

Demand moderate for offerings that were irregular but increasing. Undertone about steady to steady.

CENTS PER LB., GENERALLY FOR SLAUGHTER THE FOLLOWING WEEK.

HEAVY TYPE (7 POUNDS AND UP) * AT FARM BUYER LOADING TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT.

LIGHT TYPE AT FARM BUYER LOADING TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT.

* WEIGHTS UNDER 7 LBS. SUBJECT TO DISCOUNT.

New England Shell Eggs

Tuesday, December 31, 1991

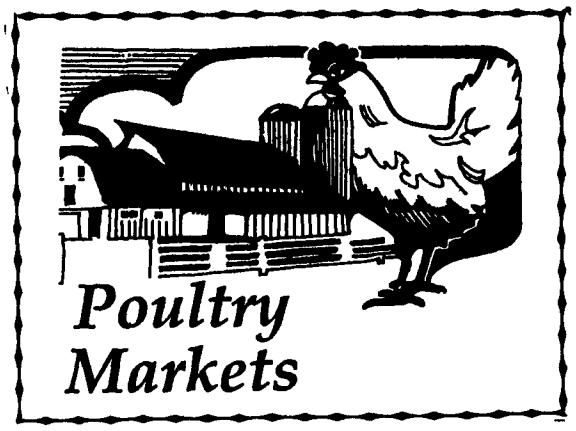
NEW ENGLAND: Prices paid to producers were lower, and prices to retailers were unchanged to lower. Trade sentiment was barely steady to weak. Demand slowed at the retail level, and was light to instances fairly good. Better demand was noted in ski resort areas. Supplies were adequate to ample.

PRICES PAID TO PRODUCERS, CASES EXCHANGED, GRADE YIELD BASIS, BROWN EGGS LOOSE, AT FARM, CENTS PER DOZEN.

RANGE JUMBO .81-.84; EXTRA LARGE .71-.74; LARGE .67-.70; MEDIUM .50-.53; SMALL .18-.21.

BOSTON: PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, BROWN EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN.

RANGE EXTRA LARGE .95-.99; LARGE .91-.96; MEDIUM .74-.80.



N.E. Weekly Shell Egg Report

Tuesday, December 31
Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
N. HAMP.	.97-1.01	.93-.97	.76-.80	.44-.48
MOSTLY	.99-1.00	.95-.96	.78-.79	.46-.47
RHODE ISLAND	1.05-1.09	1.01-1.05	.84-.88	.49-.53
MOSTLY	1.05	1.01	.84	.49
VERMONT	1.14-1.18	1.10-1.16	.92-.95	
MOSTLY	1.14	1.11	.95	
MAINE	1.11	1.08	.92	.55

Heinsey's Poultry

Roots, East Petersburg
Tuesday, December 31, 1991
Report supplied by auction

Muscovy Ducks, Drakes: .84-.94
Muscoy Ducks, Hens: .80-.92.
Red Fowl: 4-4.5# .50-.72, 5-6# .80-1.00.
Crossbred Fowl: 5-9# .40-.62.
Crossbred Roosters: 4-6# .50-.82, 7-11# .50-.74.
Guinea Fowl: 1.00-1.15.
Banty Roosters: 4.00-5.75.
Banty Hens: 1.50-2.75.
Leghorn Hens: .20-.28.
Silkies: 4.50-5.50 each.
Geese: 10-14 .50-.72.
Pigeons: 1.80-2.50 each.
White Pigeons: 2.50-3.00 each.
Rabbits: 4-6# .90-1.30, 7-11# .80-1.20.
Bunnies: 1.00-2.50.
Guinea Pigs: 1.00-3.00.
Goats: 37.00-48.00.
Doves: 2.00-3.00 each.
Total Coops Sold: 356.

National Egg Market

Tuesday, December 31, 1991

NATIONAL EGG MARKET - AT A GLANCE: Prices were unchanged to lower in the Northeast and Midwest, unchanged elsewhere. The market tone was barely steady to mostly weak. Cartoned egg demand covered the full range, mostly fair, and best into retail channels. Demand for graded or ungraded loose eggs was light to fair into food service channels, and generally light at the packer level. Supplies were adequate to ample. Surplus eggs were offered in all regions, and current negotiated trades continued to be at discounts. Breakers received adequate shell eggs from contracted sources, and surplus egg purchases increased as prices dropped. Live hen offerings increased, and were generally fully adequate for the light to moderate demand; trade sentiment was barely steady to steady.

New York And Philadelphia Frozen Eggs

Tuesday, December 31, 1991

The market tone continued barely steady to weak as traders closely watched rapidly deteriorating related markets. Trading activity was still light but inquiry was improving. Offering prices became increasingly competitive stimulating additional buyer interest. Raw materials wewre readily available and several breakers were planning to work extended hours following the holiday closing. Floor stocks were adequate to fully adequate.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS) TRUCKLOTS LTL (MIN. 25 CONT.) RANGE MOSTLY RANGE WHOLE 48-51 50-51 52-60 BLEND (/) 59-68 WHITES 35-39 36-37 39-48 SUGARED YOLKS (MIN 43% SOLIDS) 60-64 62-63 65-75 SALTED YOLKS (MIN 43% SOLIDS) 58-61 59-60 62-69 (/) - WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

Northeast Chicken Parts

Tuesday, December 31, 1991

NORTHEAST BROILER/FRYER PARTS. FEDERAL-STATE: Supplies of boneless skinless breasts were short of meeting today's active buying interest. Yellow skin breasts were tight with inquiries for late week deliveries not covered. Legs, leg quarters and wings were also short of immeidate needs. Trading and asking prices for most parts trended higher and the trade sentiment was firm. Distributors and retailers anticipate demand to improve through first of the month.

TODAY'S NEGOTIATED SALES AS OF 11:30 A.M., 31-DEC-91 PRICES PAID PER POUND, ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES ITEM CURRENT NEGOTIATED TRADING BREAST - BONELESS SKINLESS 170 BREAST - WITH RIBS 76-77 BREAST - LINE RUN 75 LEGS 35-36 LEG QUARTERS 27-28 THIGHS 33-34 DRUMSTICKS 28-29 WINGS 58-59 BACKS AND NECKS (STRIPPED) 10-12 LIVERS 15-20 GIZZARDS (HEARTS) 45.

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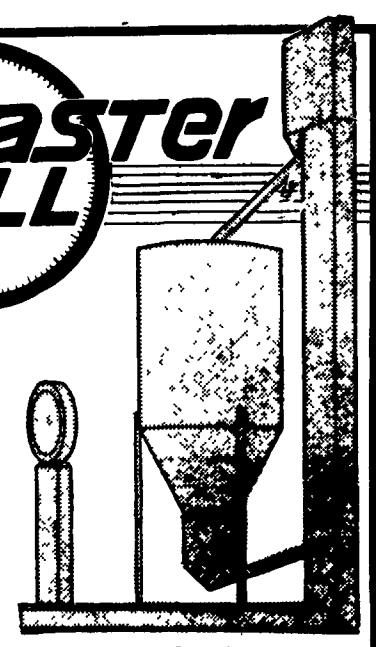

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WALTER H. RISSER, Proprietor

NEW

★ ★ ELITE 20% ★ ★

NEW

TOP DRESS DAIRY PELLETS

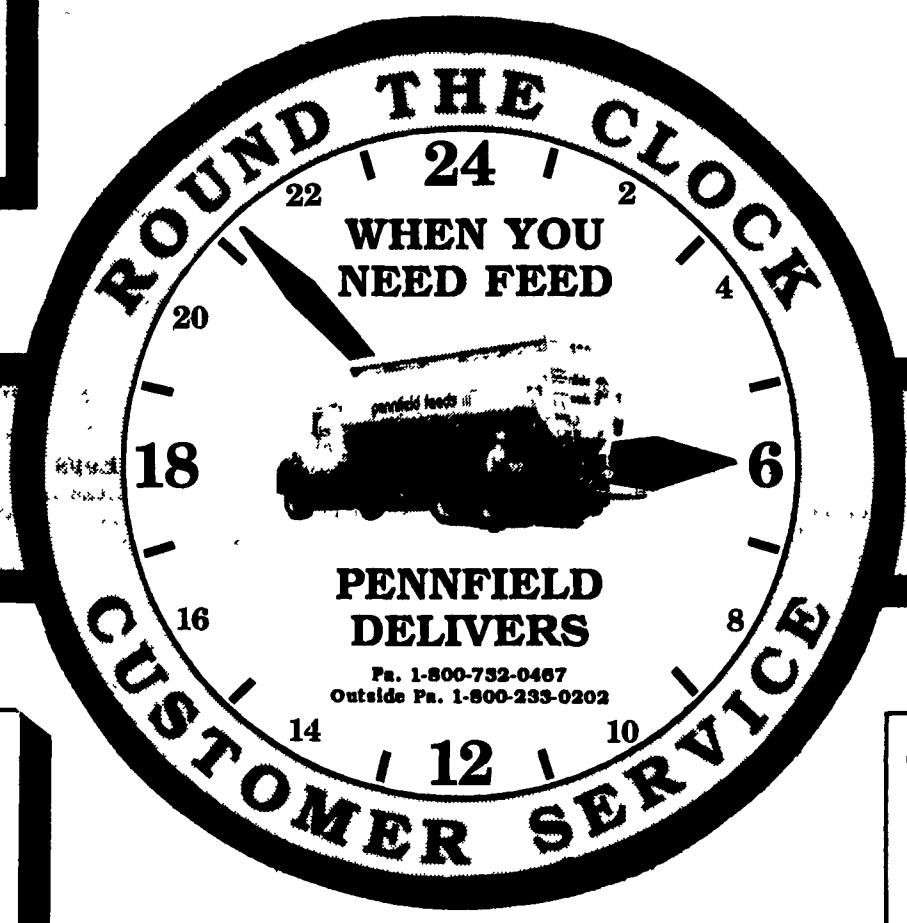
Elite 20% Offers:

- A blend of high quality vegetable and animal protein sources
- Multiple Fat Sources - Animal & Rumen Bypass Fat
- Balanced carbohydrate - Multiple sources
- Mineral and Vitamin Fortification at levels needed for high fat rations
- High performance additives including niacin and Zinpro

Guaranteed Palatability - Pennfield guarantees that your cows will readily eat the Elite 20% TOP-DRESS PELLETS or Pennfield will remove the feed at their expense and refund the price of the unused feed.

BULK
$246.87*
2 TON MINIMUM ORDER

BAG
$7.08* 50 lb. Bag
10 BAG MINIMUM ORDER



pennfield feeds

DAIRY-TECH 38%
(Flaked Beans and Mix Pellets)
$263.10* Delivered
8 Ton Bulk - Paid 10 Days

ENERGY BLEND 11%
(Flaked Corn & Barley Non Fortified Pellets)
$133.38* Delivered
8 Ton Bulk - Paid 10 Days

"SPLIT CART FEEDING"

16%	
400 lbs. Dairy Tech 38%	$52.62
1600 lbs. Energy Blend 11%	$106.70
SPLIT CART 16%	**$159.32**

18%	
600 lbs. Dairy Tech 38%	$78.93
1400 lbs. Energy Blend 11%	$93.37
SPLIT CART 18%	**$172.30**

* Dairy Tech Concentrate and Energy Blend Quantities can be added together to reach the 8 ton volume discount. Add $3.00 per ton to the feed cost for Dairy Terms which are due the 15th of the following month. Feed prices are for the week of 12/30/91 and subject to change.

National Grain Market

St. Joseph, Mo.
Tuesday, December 31, 1991

USDA DAILY NATIONAL GRAIN MARKET SUMMARY WHEAT AND SOYBEAN PRICES MADE STRONG COMEBACK AFTER MONDAY'S LOWER TREND. WHEAT 3 TO 7 CENTS HIGHER; CORN AND SORGHUM MINOR CHANGES; SOYBEANS 2 TO 3 CENTS HIGHER. GRAINS AND SOYBEANS IN STRONG HANDS, EXPECIALLY WHEAT. VERY GOOD RECENT EXPORT DEMAND AND REDUCED HOLDINGS, WHEAT STOCKS AT RECORD LOW, PAINTED BRIGHT PICTURE FOR NEXT YEARS TRADE. MONUMENTAL LOGISTICAL PROBLEMS OF CREDIT; PAYMENTS; WHERE, WHEN, AND HOW TRANSPORTED ALONG WITH LOCAL DISBURSMENT METHODS FACING THE NEW COMMON WELTH OF INDEPENDENT STATES. THE DEMAND IS TRERE AND THE COMMODITIES ARE HERE. MUCH PRESS AND HEADLINES SO OWNERS TAKING STRONG STAND. WHEAT PRICES ALREADY AT 21 MONTH HIGH AND 1.50 ABOVE YEAR AGO WITH MANY COUNTRY ELEVATORS ABOVE 4.00 A BUSHEL. SOYBEANS WELL BELOW MAGICAL 6 00 A BUSHEL LEVEL AND 5 TO 10 CENTS BELOW A YEAR AGO. GRAINS INSPECTED FOR EXPORT THIS CROP YEAR SHOW WHEAT UP 16 PERCENT, CORN UP 2 PERCENT, AND SOYBEANS UP 29 PERCENT. WHEAT CROP YEAR BEGINS JUNE 1, CORN AND SOYBEANS SEPTEMBER 1 EXPORTS OFF TO A GOOD EARLY START AND THESE FIGURES DO NOT INCLUDE SOME RECENT BIG WHEAT SALES. ALSO HOPES HIGH FOR MORE ORDERS TO THE NEW REPUBLICS. THE USDA ANNOUNCED THAT EXPORT BONUSES CAN BE PAID ON COMMODITIES BOUGHT BY THE 12 INDIVIDUAL REPUBLICS.

EXPORT NEWS: NONE REPORTED. DATE CHANGE YEAR AGO 12/31/91 12/30/91 1/01/91 WHEAT: HOLIDAY KANSAS CITY 4.18-4 21 UP 5-7 MINNEAPOLIS 4.27-4.29 UP 5 1/4 PORTLAND 4.65-4.67 UP 3-1 ST. LOUIS 3.70-3.73 UP 7.

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.50-2.53 DN 1-NC MINNEAPOLIS NO BID SO. IOWA 2.41-2.45 DN 1 OMAHA N/A.

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 5.57-5.60 UP 2 MINNEAPOLIS NO BID SO. IOWA 5.47-5.50 UP 3 - DN 3 C. ILL. PROCESSORS 5.64-5.69 UP 2 1/2.

*KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 1 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (MAR) WHEAT 4.02 3/4 UP 4 3/4 MINEAPOLIS (MAR) WHEAT 3.89 UP 5 1/4 CHICAGO (MAR) WHEAT 4.04 3/4 UP 7 (MAR) CORN 2.51 1/2 DN 1/4 (JAN) SOYBEANS 5.54 3/4 UP 2 1/4 (MAR) SOYBEANS 5.57 UP 2 1/2.

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 4.54-4.55 UP 4-3 NO. 2 SOFT RED WINTER WHEAT 4.45 UP 7-6 NO. 2 YELLOW CORN 2.72 UP 1-DN 1 NO. 2 YELLOW SORGHUM RAIL 4.94 NC BARGE 4.92 UP 1 NO. 2 YELLOW SOYBEANS 5.90 UP 6-5 RF.

Keister's Hay

Middleburg, PA
December 31, 1991
Report supplied by auction

67 LOADS HAY.
ALFALFA: 130.00-170.00 TON.
MIXED HAY: 85.00-170.00 TON
TIMOTHY: 100.00-125.00.
STRAW: 16 LOADS, 90.00-110 00.
EAR CORN: 12 LOADS, 95 00-115 00
OATS: 4 LOADS, 2.30-2.55 BU.
FIREPLACE WOOD: 14 LOADS, 30 00-80.00 LOAD.

Vintage Hay

Paradise, PA
Thurs., January 2, 1992
Report Supplied by Auction

25 LOADS.
STRAW: 74.00-93.00.
MIXED HAY: 80.00-99.00.
TIMOTHY: 92.50-117.50.
ALFALFA: 86.00-152.00.

Greencastle Hay Market

Hay & Straw
Dec. 26 & 28, 1991

63 LOADS.
ALFALFA (GOOD) 120.00-165.00.
ALFALFA (FAIR) 90.00-115.00.
ALFALFA MIXED 110.00-130.00.
TIMOTHY HAY 100.00-130.00.
MIXED HAY 70.00-105.00.
ORCHARD GRASS 90.00-115.00.
BROME GRASS 90.00-120.00.
WHEAT STRAW: 80.00-85.00.
BARLEY STRAW: 84.00-90.00.
FIREWOOD: 33.00-41.00/LOAD.

Westminster Hay

Westminster, Md.
Tuesday, December 31, 1991
Report Supplied by Auction

TOTAL LOADS: 196.
ALFALFA: 77.50-122.50 TON, 1.20-4.00 BALE.
ALFALFA MIX: 110.00, .75-2.20 BALE.
TIMOTHY: 79.00-127.50, .75-3.10 BALE.
TIMOTHY MIX: 67.50-110.00, 1.05-2.80 BALE.
CLOVER: 1.10-1.70 BALE.
ORCHARD GRASS: 82.50, .85-2.00 BALE.
TIMOTHY ROUND BALES: 12.00-33.00 EACH.
ALFALFA ORCHARD GRASS ROUND BALES: 16.00-23.00 EACH.
GRASS HAY: 1.10-1.80 BALE.
SOYBEAN ROUND BALES: 8.00 EACH.
STRAW: 72.50-97.50. .65-1.40 BALE.
WOOD: 27.50-72.50 CORD.

North Jersey Market

Hackettstown, N.J.
Tuesday, December 30, 1991
Hay—Straw & Grain Report

SHELLED CORN: 6.00 BAG.
MIXED HAY: 1.40-2.10 BALE.
GRASS HAY: 1.30-2.20 BALE.
WHEAT STRAW: 1.60 BALE.
TOTAL: 10 LOTS.

Dewart Hay

Dewart, PA.
Monday, December 30, 1991
Report Supplied by Auction

28 LOADS HAY, 71.00-137.50.
STRAW: 6 LOADS, 85.00-92.00.
WOOD: 15 LOADS, 20.00-110.00 LOAD.
CORN: 5 LOADS, 81.00-86.00.
OATS: 1.90 BU.

Aberdeen Sales Co. Inc.

Livestock Auction Market
Harford County, Md.
Hay - Straw - Grain Sale
Saturday, December 28, 1991

ALFALFA HAY $2.30 @ BALE.
ALFALFA MIXED HAY 2.80 @ BALE.
TIMOTHY HAY $2.00 @ BALE.
NEXT SALE: JANUARY 4, 1992, TIME: 11:00 A.M.

Frederick Co. Hay

Buckeystown, Md.
Thursday, January 2, 1992
Report Supplied by Auction

34 LOADS. CLOUDY; MARKET STEADY TO STRONG.
ALFALFA: 1 LOAD FANCY 174.00, 4 FAIR TO GOOD 110.00-145.00, 1 DARK 80.00.
ALFALFA MIX: 1 GOOD 135.00.
TIMOTHY: 5 LAODS FAIR TO GOOD 117.00-128.00, 2 DARK 70.00 AND 75.00.
MIXED HAY: 2 FAIR 70.00 AND 75.00.
ORCHARD GRASS: 2 GOOD 87.00 AND 125.00.
STRAW: 2 BRIGHT WHEAT 82.00 AND 84.00, 1 BRIGHT BARLEY 70.00.
FIREWOOD: 6 GOOD HARDWOOD 68.00-75.00 CORD, 7 FAIR TO GOOD 40.00-63.00 CORD.

Belleville Hay

Wednesday, January 1
Belleville, PA
Report Supplied by Auction

TOTAL LOADS: 57.
ALFALFA: 130.00-160.00.
MIXED HAY: 65.00-142.50.
STRAW: 1 LOAD, 100.00.
CORN: 2 LOADS, 100.00 AND 105.00.
OATS: 2 LOADS, 2.00 AND 2.30 BU.
CORN FODDER: 75.00.

Hoover's Hay Auction

Gratz, Pa.
Friday, Dec. 27, 1991
Report Supplied by Auction

TOTAL LOADS: 6.
ALFALFA: 127 00.
TIMOTHY CLOVER: 79.00-84.00.
TIMOTHY: 3 LOADS, 92.00-98.00
STRAW: 83.00.
This sale is held every second and fourth Friday at Hoover's Hay Auction, 1 mile east of Gratz, Pa.

GOOD FARMS
RECEIVING STATION
• Market Hogs
• Sows
• Boars
• Pigs
HATFIELD
Hatfield Quality Meats
NOW RECEIVING:
Mon. 6:30-11 a.m.
Sat. 6:30-10 a.m.
Rt. 897 - 1 mile North of Fivepointville
(215) 445-5776 • FAX (215) 445-6099

SHEARSON LEHMAN BROTHERS
FORNEY LONGENECKER
SECOND VICE PRESIDENT / FINANCIAL CONSULTANT COMMODITIES
29 E. KING STREET
SUITE 200
LANCASTER, PA 17602
717 295 8914 800 342 7033 PA
800 441 1997 US

HORSE SALE
JAN. 24, 1992
10:00 A.M.

NEW HOLLAND SALES STABLES INC.
THE ACTION AUCTION

1 Load New York State Cows, Reg. & Grades
37 Head Upstate Pa. Herd Dispersal
Sell Wed., Jan. 8
Dairy Sale
See Ad Page B38

LIVESTOCK IS OUR ONLY BUSINESS

MONDAY
SLAUGHTER HOGS

EARLY BIRD HOG SALE
8:00 A.M.
Sell Your Hogs At New Holland Sales Stables, Inc. See them weighed, sold and pickup your check.

10:00 AM

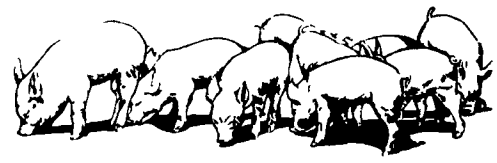
HORSES
MULES

1:30 PM
BEEF SALE

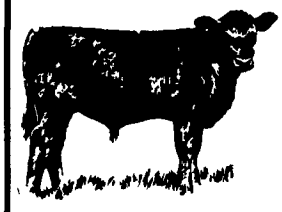
SHEEP
GOATS
CALVES

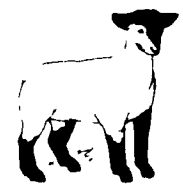
WEDNESDAY
HEIFER SALE
11:00 AM
COW SALE 12:00 NOON
HEIFERS
BULLS

DAIRY COWS
We have the usual run of 50 to 100 Heifers, all ages.
Loads of fresh cows and springers from our regular shippers.
Also some local fresh cows and springers.

1:30 P.M.
FEEDER PIG SALE

Pigs are accepted after 6:30 A.M. State graded from 8 to 12 Dairy Barn and Feeder Pig Barn are cleaned and disinfected weekly for your protection.

THURSDAY
Beef Auction
10:00 A.M.
BULLS
STEERS
BEEF COWS


1:00 P.M.
STOCKERS
&
FEEDERS

12:00 NOON

SHEEP
GOATS
CALVES

NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster Off Route 23, New Holland, Penna.

MANAGERS
Norman & David Kolb - 717-397-5538

Field Representatives
Luke Eberly - 215-267-6608 738-1865
Homer Eberly - 215-267-3047
Ron Ranck - 717-656-9849

Sale Barn Office Manager
Roger Floyd - 717-354-4341
FAX # 717-355-0706

Order Buyer
Paul Good - 215-445-6662

Greencastle Livestock

Greencastle, Pa.
Monday, Dec. 30, 1991

SLAUGHTER CATTLE RECEIPTS: 145 HEAD.

SLAUGHTER STEERS: 100 HEAD. TREND STEADY. HIGH CHOICE AND PRIME 2-4 69.00-72.00; CHOICE 2-3 950-1075 LBS. 66.00-69.00; CHOICE 2-3 1075-1375 LBS. 65.00-70.00; CHOICE 2-3 OVER 1375 LBS. 63.00-66.75; CHOICE 4 ALL WEIGHTS 60.00-64.00; SELECT & CHOICE 1-2 950-1100 LBS. 60.00-65.50; SELECT & CHOICE 1-2 1100-1375 LBS. 59.00-65.00; SELECT & CHOICE 1-2 OVER 1375 LBS. 56.00-62.75.

HOLSTEINS: CHOICE 2-3 1050-1450 LBS. 58.00-61.75; SELECT 1-2 1050-1450 LBS. 53.00-57.00.

SLAUGHTER HEIFERS: 45 HD. TREND: STEADY. CHOICE 2-3 850-1000 LBS. 61.00-65.00; CHOICE 2-3 1000-1250 LBS. 64.00-69.50; CHOICE 4 ALL WEIGHTS 58.00-62.50; SELECT & CHOICE 1-2 850-1000 LBS. 60.00-64.00; SELECT & CHOICE 1-2 1000-1250 LBS. 62.00-66.00.

HOLSTEINS: CHOICE 2-3 1000-1350 LBS. 56.00-61.00; SELECT & CHOICE 1-2 1000-1350 LBS. 52.00-56.00.

SLAUGHTER BULLS: 25 HD. TREND: STEADY TO STRONGER. YIELD GRADE 1 ALL WEIGHTS 60.00-69.00; YIELD GRADE 2 ALL WEIGHTS 56.00-60.00.

BULLOCKS: 7 HEAD. CHOICE 1-3 1150-1375 LBS. 63.00-66.00; SELECT 1-2 950-1250 LBS. 65.00-77.50.

COWS: 435 HD. TREND: STEADY TO 1.00 LOWER. BREAKING UTILITY & COMMERCIAL 46.00-51.00; CUTTER & BONING UTILITY 45.50-52.00; CANNER & LOW CUTTER 45.00 & DOWN.

STOCKER & FEEDER CATTLE RECEIPTS: 109 HD. TREND: STEADY-GOOD DEMAND. BEEF TYPES: 200-400 LBS. STEERS 80.00-99.00, BULLS 75.00-97.00, HEIFERS 70.00-79.00; 400-600 LBS. STEERS 74.00-80.00, BULLS 68.00-75.00, HEIFERS 60.00-74.00; 600-800 LBS. STEERS 65.00-73.50, BULLS 60.00-67.00, HEIFERS 60.00-67.00; 800-975 LBS. STEERS 60.00-66.00, BULLS 50.00-60.00, HEIFERS 57.00-62.00.

HOLSTEINS & DAIRY CROSS: 200-400 LBS. STEERS 70.00-79.00, BULLS 62.00-73.00, HEIFERS 75.00-91.00; 400-600 LBS. STEERS 60.00-64.00; 600-800 LBS. STEERS 55.00-62.00; 800-975 LBS. STEERS 50.00-57.75, BULLS 50.00-52.50.

CALVES: 619 HD. TREND: STEADY TO WEAK. CHOICE 150-300 LBS. 87.00-106.00; GOOD 150-300 LBS. 77.00-86.00; GOOD 100-150 LBS. 60.00-75.00; GOOD 80-100 LBS. 50.00-54.00; STANDARD 80-100 LBS. 44.00-49.00; STANDARD 80 LBS. AND DOWN 43.00 AND DOWN.

CALVES RETURNING TO THE FARM: TREND: STEADY. HOLSTEIN BULLS OVER 100 LBS. UP TO 172.00; UNDER 100 LBS. UP TO 165.00; HOLSTEIN HEIFERS OVER 100 LBS. UP TO 160.00; UNDER 100 LBS. UP TO 140.00; BEEF TYPE BULLS OVER 90 LBS. UP TO 140.00; BEEF TYPE HEIFERS OVER 90 LBS. UP TO 125.00.

SHEEP & LAMBS: 45 HD. LAMBS: TREND: STEADY TO HIGHER. CHOICE 80-100 LBS. 50.00-53.00; 100-120 LBS. 50.00-51.50; MEDIUM & GOOD ALL WEIGHTS 45.00-47.00; MEDIUM AND GOOD, ALL WEGIGHTS 45.00-51.00; LIGHT LAMBS 60.00-75.00.

SHEEP: EWES LEAN 20.00-29.00; EWES FAT 15.00-22.50; BUCKS 20.00-26.00.

GOATS: 64 HD: SMALL 28.00-39.00; MEDIUM 40.00-60.00; LARGE 60.00-119.00.

HOGS, SOWS & BOARS: 179 HD. TREND: 1.00 LOWER. 210-250 LBS. 36.00-38.00; 250-260 LBS. 36.00-37.00; 260-270 LBS. 34.00-36.00; 270-300 LBS. 33.00-36.00.

LIGHT HOGS: 140-180 LBS. 32.00-36.00; 180-210 LBS. 33.00-35.00.

SOWS: TREND: STEADY. GOOD SOWS UNDER 400 LBS. 28.00-32.75; GOOD SOWS OVER 400 LBS. 28.00-32.50; CULL SOWS ALL WEIGHTS 24.00 & DOWN.

BOARS: TREND: STEADY. 180-210 LBS. 28.00-30.00; 210-260 LBS. 29.00-32.00; 260-300 LBS. 25.00-28.00; 300 LBS. & OVER 23.00-23.50.

SALE EVERY MONDAY AT 2:00 P.M. & EVERY THURSDAY AT 1:00 P.M.

HAY & STRAW SALE EVERY MONDAY & THURSDAY AT 11:30 A.M.

SPECIAL FEEDER PIG SALE: SATURDAY, JAN. 25, 1992 AT 1:00 P.M.

Four States Livestock

Hagerstown, Md.
Wednesday, January 1, 1992
Report supplied by Auction

SLAUGHTER COWS: 1.50 LOWER. UTILITY 46.00-49.25; HIGH DRESSING 1 AT 51.50; CANNERS 42.00-46.00; SHELLY 42.00-DOWN.

BULLS: 1 YG#1 2265 AT 67.75; YG#2 1400-1700 LBS. 54.00-60.00.

FED STEERS: 20 HEAD. HIGH CHOICE TO PRIME 1250-1450 LBS. 68.00-69.75; CHOICE1300-1550 LBS. 65.00-67.00; FEW 1650 LBS. 62.00-65.50; 1 LOW CHOICE 1050 LBS. 64.00-67.25.

FED HEIFERS: FEW CHOICE HOLSTEINS 1400-1550 LBS. TO 59.75.

VEAL CALVES: CHOICE 175-250 LBS. 86.00-95.00; CULLS 85-110 LBS. 53.00-60.00; 50-80 LBS. 45.00-55.00; WEAK/ROUGH 45.00 DOWN.

FARM CALVES: HOLSTEIN BULLS #1 90-125 LBS. 135.00-154.00; #2 85-95 LBS. 80.00-115.00; HOLSTEIN HEIFERS FEW OFFERED; BEEF X BULLS AND HEIFERS TO 137.00.

BUTCHER HOGS: LIGHT RUN. US#1&3 215-260 LBS. 35.00-36.50; 265-300 LBS. 33.00-34.50.

SOWS: 1 700 LB. AT 32.75.

BOARS: 1 600 LBS. AT 21.75.

STOCK CATTLE: LIGHT RUN. STEERS FEW OFFERED; COUPLE 900-975 LBS. 61.00-62.00.

HEIFERS: 300-500 LBS. 65.00-70.00; 500-700 LBS. 58.00-67.00; 700-900 LBS. 53.00-58.00.

BULLS: 200-350 LBS. 85.00-99.00.

DAIRY REPLACEMENTS: LARGE SPRINGERS 960.00-1075.00; SMALL SPRINGERS 400.00-600.00; FRESH COW AND CALF 785.00.

LAMBS: CHOICE 100-110 LBS. 54.00-56.00; 1 80 LB. AT 60.00.

SHEEP: 230 LB. AT 26.50.

GOATS: 1 MEDIUM 45.00.

PIGS AND SHOATS: BY THE HEAD, 15-25 LBS. 15.00-23.00; 30-45 LBS. 24.00-32.00; 50-70 LBS. 31.00-35.00; BY THE POUND, 150-180 LBS. 34.00-36.50; 110-140 LBS. 36.00-38.75.

STOCK BOARS: 180-215 LBS. 30.00-31.75.

NEXT WED., JAN 8, SELLING 3/4 SIMMENTAL 1/4 CHIANINA X BULL

Keister's Monthly Horse Sale

Last. Sat. Of Each Month
December 28, 1991
Report Supplied by Auction

WORK HORSE TEAMS 1640.00-2000.00; SINGLES 660.00-870.00.

WORK HORSES MULE TEAMS 1650.00-4300.00 (TN AND NC).

DRIVING HORSE BEST 1000.00-1450.00; MEDIUM 600.00-975.00; SMALL 490.00-600.00.

RIDING HORSE BEST UP TO 1150.00; MEDIUM 465.00-610.00.

PONIES BEST 310.00-385.00; SMALL 165.00-285.00.

SLAUGHTER HORSE BEST 650.00-840.00; MEDIUM 425.00-640.00; SMALL 285.00-400.00.

PONIES 55.00-325.00.

You'll Get Consistent, Risk-Free Performance From New Funk's G® Brand Hybrids

4393 105 Days | **4472** 110 Days | **4530** 113 Days | **4624** 118 Days

New Funk's G brand hybrids deliver consistent performance even under the stress of heat, drought, marginal soils or disease pressures. So you'll get virtually risk-free performance in good years — and in bad years.

Backed by CIBA-GEIGY research

You see, these hybrids are backed by nine years of CIBA-GEIGY Seed Division research. With local testing in growing conditions just like yours. That kind of research produces hybrids capable of standing up to anything mother nature has to offer. Hybrids that maximize your profit potential, while minimizing your risks.

Get complete performance

Plus, you get performance across the board. With big yields. But with 95% or better standability... 25% or less moisture... and intactness ratings under four. And you get all that in the maturity groups you need to spread your risks even more.

Limit your risks

Get risk-free performance on your farm today by calling Hoffman Seeds, Inc. You'll enjoy the peace of mind that comes from planting these new Funk's G brand hybrids.

Toll free: 1-800-776-7929

Hoffman Farm Seeds

CIBA-GEIGY Seed Division

Hoffman Seeds, Inc.
Landisville, PA 17538

FUNK'S G: WE'RE PLANTING THE SEEDS OF CHANGE.

The limitation of warranty and remedy on the tag attached to each bag of Funk's G brand hybrids and Hoffman Seed sold is a part of the terms of sale thereof Funk's G is a brand name. Number identify products

©1991 Hoffman Seeds

HAY, STRAW & GRAIN SALE
Every Thursday at 1 p.m.
Auction will continue all year long
Vintage Sales Stables, Inc.
(Rt. 30, 10 miles east of Lancaster in Paradise, PA)

For info.
717-442-4181 business
215-458-8518 home

L. Robert Frame, Sr. president
Glenn S. Frame Mgr.

Notice Of Time Change
(Hay Sale)
Starting Jan. 1, 1992
(New Year's Day)

Hay And Straw Sales Will Start At 10 A.M. Every Wed.

GOOD'S AUCTION
111 North Maple Ave.
Leola, PA 17540
717-656-8911
717-656-9554

Replace Your Bulbs- Save Electricity
FLUORESCENT LIGHTS

~~PRICES AS LOW AS $6.99~~
NOW $5.95
UL Listed

- Save Energy Replaces up to 75 watt incandescent
- Easy Installation
- Economical Lasts 10 times longer than standard bulb
- Fewer Lamp Changes
- Lower Maintenance Cost
- Durable Polycarbonate Housing
- 45 000+ Hour Ballast
- 10 000+ Hour Lamp Life
- Air Cooled
- Water Resistant Ballast
- 120 Volt
- Ratcheted Brass Socket
- Medium Base
- Starting Temperatures O
- Made in USA

MODEL	WATTS	INCANDESCENT EQUIVALENT	INITIAL LUMENS
3000	5	25 WATTS	250
3200	7	40 WATTS	400
3500	9	60 WATTS	600
3700	13	75 WATTS	900
3900	22	90 WATTS	1300

Call Toll Free 1-800-673-2580

See Our Display At The PA Farm Show — Loc. N 11, 12

SOLD AND SERVICED BY:

Northeast agri systems
Dealer Inquiries Invited

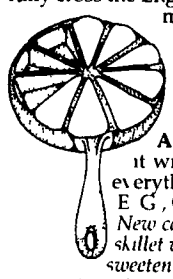
NORTHEAST AGRI SYSTEMS, INC.
FLYWAY BUSINESS PARK
139 A West Airport Rd.
Lititz, PA 17543
(717) 569-2702

THE OLD FARMER'S ALMANAC

JAN. 6-12, 1992

Three Kings Day, Jan. 6.

Jan 7, 1785, Dr John Jeffries of Boston, and Jean-Pierre Blanchard of France successfully cross the English channel in a balloon after throwing overboard all ballast and most of their clothing, including Blanchard's trousers Jan. 8, 1790, President George Washington delivers the first State of the Union message Jan 10, 1429, Duke Philip the Good of Burgundy founds the Order of the Golden Fleece, famous chivalric order



It is not the knowing that is difficult, but the doing — Chinese Proverb

Ask the Old Farmer: I seasoned my new cast-iron skillet by rubbing it with cooking oil and heating it over a low flame In spite of that, everything I cook tastes like metal Is there another treatment I could use? E G , Ohio

New cast-iron skillets sometimes have an iron taste This should help fill the skillet with water and boil a handful of hay in it You can use this hay water to sweeten wood and tin dishes, too

Home Hints. If you find yourself buying a lot of batteries often, try a rechargeable battery pack

OLD FARMER'S WEATHER FORECAST

New England: Milder weather starts the week, then sunny skies, but cold through midweek After that, it's heavy rain with snow in the northern sections

Greater New York-New Jersey: Snow gives way to sunny skies and seasonable weather Heavy rain and steadily warming temperatures close the week

Middle Atlantic Coastal: Clear through midweek, then cloudy skies bring heavy rain and warmer temperatures Turning sunny and mild as the week ends

Piedmont & Southeast Coastal: Sunny days and cold nights through midweek, then heavy rain arrives, bringing milder temperatures Sunny and warm to end the week.

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Eighty-Four Livestock

Eighty-Four, Pa.
Monday, December 30, 1992
Report Supplied by Auction

CATTLE 193. UTILITY AND COMMERCIAL 44.00-49.00; CUTTERS AND BONERS 41.00-44.50; CHOICE STEERS 64.50-76.00; CHOICE HEIFERS 56.00-70.00; BULLS #1 1360-1670 LBS. 53.00-56.50; #2 1200-1445 LBS. 40.00-54.50; FEEDER CALVES, STEERS M1'S 350-450 LBS. 70.00-87.00; HEIFERS 430-525 LBS. 59.00-70.00.

CALVES 153. VEAL CALVES NOT ENOUGH TO REPORT; FARM CALVES, HOLSTEINS BULLS #1 90-125 LBS. 145.00-162.50; #2 80-150 LBS. 110.00-142.50; BEEF X 80-120 LBS. 100.00-137.50.

HOGS 175. BARROWS AND GILTS 1&2 225-250 LBS.35.00-38.00; 1&3 210-260 LBS. 33.00-36.50.

LAMBS & SHEEP 111. SPRING LAMBS HIGH CHOICE 70-85 LBS. 72.00-79.50; 85-105 LBS. 50.00-55.50; 50-60 LBS. 56.00-70.00; CHOICE 80-100 LBS. 49.00-52.00; FEEDER LAMBS GOOD TO CHOICE 55-70 LBS. 42.00-49.00.

GOATS 7. MEDIUM 13.50-28.00 HEAD; LARGE 24.00-42.00 HEAD.

Morrison Cove Livestock

Martinsburg, Pa.
December 30, 1991
Report supplied by auction

CATTLE: 185. STEERS CHOICE 67.50-68.50; GOOD 65.00-66.75.

HEIFERS: CHOICE 66.50-67.75; GOOD 62.00-64.50.

COWS: UTILITY & COMMERCIAL 46.00-51.00; CANNER & LOW CUTTER 35.00-50.50.

BULLOCKS: GOOD & CHOICE 59.00-61.00.

BULLS: YIELD GRADE NO. 1 55.00-64.50.

FEEDER CATTLE: STEERS 70.00-81.00; BULLS 56.00-70.00; HEIFERS 56.00-72.00.

CALVES 298. PRIME NO MARKET TEST; CHOICE 89.50-109.00; GOOD 79.00-88.00; STANDARD 40.00-62.00; HOLSTEIN BULLS 90-130 LBS. 125.00-162.00; HOLSTEIN HEIFERS 90-130 LBS. 100.00-120.00.

HOGS 44. BARROWS & GILTS US NO. 1-2 38.50-39.75; US NO. 1-3 37.50-38.25.

SOWS: US NO. 1-3 27.00-30.50. BOARS: 23.50-26.00.

FEEDER PIGS 42. US NO. 1-3 20-50 LBS. 10.00-30.00.

SHEEP 27. CHOICE 53.00-57.00; GOOD 50.00-52.50; SL. EWES 12 00-26.00; GOATS 51.00.

61 LOADS OF HAY/ALFALFA 150.00-185.00; TIMOTHY 85.00-116.00 PER TON.

STRAW, 8 LOADS, 103.00-117.00.

FIREWOOD: 2 LOADS, 31.00 AND 36 00.

EAR CORN: 1 LOAD, 91.00.

Grantsville Livestock

Grantsville, Maryland
Sat., December 28, 1991

HOGS: TOP BARROWS & GILTS 37.00-39.00; HEAVY BUTCHER 36.00-38.00; LIGHT BUTCHER 35.00-40.00; BUTCHER SOWS 24.00-32.50; FEEDER SHOATS 15.00-45.00.

VEAL: GOOD 85.00-100.00; STANDARD 60.00-80.00; UTILITY 50.00-DOWN; BULL CALVES 105.00-160.00.

SHEEP & LAMBS: GOOD 46.00-51.00; UTILITY 42.00-44.50; SLAUGHTER EWES 12.00-18.00.

GOATS: 44.00-55.00.

SLAUGHTER CATTLE: STEERS, GOOD, NONE AVAILABLE; STANDARD 58.50-60.50; UTILITY 54.00-57.00.

HEIFERS: GOOD, NONE AVAILABLE; STANDARD 58.50-60.50; UTILITY 54.00-57.00.

COWS: HIGH DRESSERS 51.00-55.25; COMMERCIAL 46.50-48.50; UTILITY 42.00-45.00; CANNER & CUTTER 40 00-DOWN.

BULLS: COMM. & GOOD 55.00-60.00; CUTTER & UTILITY 50.00-52.00.

STOCK-FEEDER CATTLE: GOOD 75.00-78.00; MEDIUM 55.00-65.00.

STEER CALVES: GOOD 70.00-82.50; MEDIUM 60.00-65.00.

HEIFER CALVES: GOOD 65.00-80.00; MEDIUM 50.00-60.00.

St. Louis Cattle, Hogs

Thursday, January 2, 1992

OPENING MID-SESSION WEEKLY CLOSE CATTLE &: 300 (0 SLTR, 300 FDRS) NOT ENOUGH OF ANY CLASS TO TEST MARKET.

SLAUGHTER CLASSES: COWS: CUTT, UTIL, COMM BULK SALES HI-DRESS % LO-DRESS % BREAKING 2-4 BONING 1-2 LOW TO AVG. CUTTER.

RECEIPTS THIS WEEK	1000
WEEK AGO	200
YEAR AGO	400

COMPARED WITH LAST WEEK'S TERMINAL MARKET CLOSE, SLAUGHTER STEERS AND HEIFERS FIRM TO 50 HIGHER. COWS FULLY 1.00 HIGHER. BULLS FULLLY STEADY. SLAUGHTER SUPPLY MAINLY CHOICE AND MIXED SELECT AND CHOICE STEERS AND HEIFERS, AROUND 20% COWS.

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FRI.,	JAN. 10	FARM EQUIPMENT & SUPPLIES	9:00 A.M.
TUES.,	JAN. 28	QUILT, CRAFT & BUGGY	9:00 A.M.
WED.,	JAN. 29	QUILT, CRAFT	9:00 A.M.

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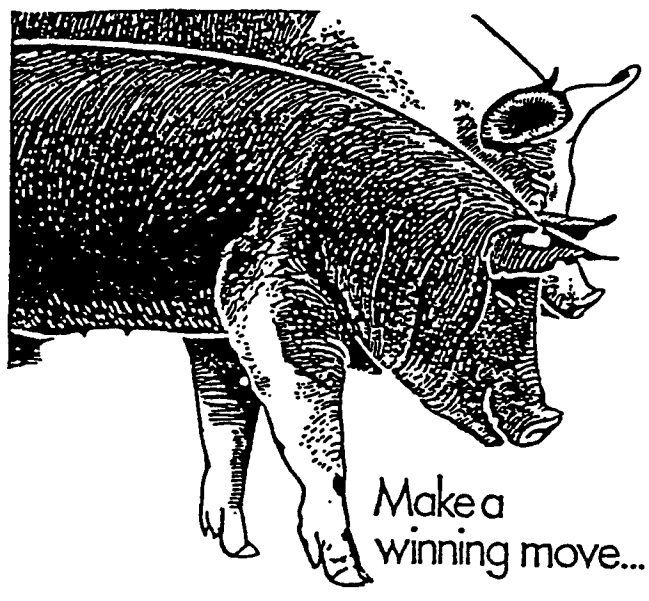

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Virginia Cattle & Hogs

Southwest Virginia Livestock Summary

Hollins, Va.

Monday, December 30, 1991

ALL TRENDS COMPARED TO LAST MONDAY.

SLAUGHTER CATTLE 60 HEAD - NO TRENDS REPORTED.

SLAUGHTER COWS 53 HEAD CUTTER. & BNG.UT. 1-3 41.00-45.2: BRKG.UT. &COMM. 2-4 42.50-48.7: CANNER & LOW CUTTER 1-2 35.50-41.50.

SLAUGHTER BULLS 7 HEAD; 1-2 900-1300 LBS 58.00 1-2 1300-1600 LBS 55.00-59.50 1-2 1600 LBS & OVER 55.00.

FEEDER CATTLE 216 HEAD - NO TRENDS REPORTED. STEERS; MEDIUM 1 LARGE 1 MED.&LARGE 2 400-500 80.00-86.00 --- --- 500-600 81.50-86.00 80.00-83.00 66.00-77.00 HOLSTEIN STEERS; MED.&LARGE 1-2 500-700 LBS 65.50-66.00.

Some markets not available due to the holiday

HEIFERS; MEDIUM 1 SMALL 1 MED.&LARGE 2 200-300 --- 69.50-72.00 --- 400-500 75.00-79.00 65.00-67.00 70.00-75.00 500-600 73.00-75.00 --- 66.00-72.50 FEEDER BULLS; MED. 1 500-600 LBS 70.75-74.50 BABY CALVES RETURNED TO FARMS 23 HEAD NEWBORN TO 4 WK OLD $75.00-120.00 PER HEAD.

Central & Southeast Virginia Livestock Summary

Lynchburg, Va.

Monday, Dec. 30, 1991

ALL TRENDS COMPARED TO LAST MONDAY.

SLAUGHTER CATTLE 94 HEADS - NO TRENDS REPORTED.

SLAUGHTER COWS 82 HEAD CUTTER & BNG. UT. 1-3 43.75-51.00 FEW 42.00-42.25 BRKG.UT.& COMM. 2-4 47.25-53.00 CANNER & LOW CUTTER 1-2 38.00-43.25.

SLAUGHTER BULLS 12 HEAD - 1-2 900-1300 LBS 53.00-60.00 1-2 1300-1600 LBS 59.00-61.25 1-2 1600 LBS & OVER 62.75-64.50.

FEEDER CATTLE 194 HEAD - NO TRENDS REPORTED. FEEDER STEERS TO FEW TO REPORT ANY PRICES.

HEIFERS; MEDIUM 1 SMALL 1 MED.&LARGE 2 300-400 --- 62.00-72.00 --- 400-500 74.75-82.00 62.00-71.00 68.75-79.75 600-700 61.75-63.75.

FEEDER BULLS; MEDIUM 1 LARGE 1 SMALL 1 MED.&LARGE 2 300-400 LBS --- --- --- 79.00-93.00 400-500 LBS 82.00-90.00 81.25-90.00 75.50-79.00 78.00-88.50 500-600 LBS 70.00-78.00 70.50-83.00 60.00-67.50 --- COWS WITH CALVES AT SIDE 7 PAIR; M&L-1, 5-8 YRS OLD 1050-1150 LBS WITH CALVES 160-200 LBS $690.00-710.00; S-1, 6-7 YRS OLD 800-850 LBS WITH CALVES 170-190 LBS $635.00-650.00; M&L-2, 6-10 YRS OLD 900-1050 LBS WITH CALVES 130-180 LBS $590.00-695.00 PER PAIR. BABY CALVES RETURNED TO FARMS 12 HEAD NEWBORN TO 4 WK OLD $57.50-90.00 PER HEAD. OVER 100 LBS $94.00-125.00 PER CWT.

****

****

STATE GRADED FEEDER CATTLE 86 HEAD SOLD AT LYNCHBURG, VA. ON DEC. 30, 1991.

STEERS; MED.&LARGE 1 MED.&LARGE 2 300-400 --- 3 AT 94.50 400-500 FEW 91.50 & FEW 78.50 80.50-92.00 500-600 80.25-89.25 89.50 1 AT 72.00 600-700 74.75-78.00 72.00-80.50 700-800 70.00-72.00 --- 800-900 68.00-69.25.

HEIFERS; MED.&LARGE 1 MED.&LARGE 2 300-400 --- 76.50-78.00 400-500 73.25-80.25 79.25-81.25 500-600 66.00-72.00 66.50-68.00 600-700 65.00-66.75 ---

**********END OF STATE GRADED SALE**********

Northern Virginia Livestock Summary

Marshall, Va.

Tuesday, December 31, 1991

WYTHEVILLE - NO SALE.

SLAUGHTER CATTLE 54 HEAD SLAUGHTER COWS 50 HEAD COWS CUTTER & BONING UT. 1-3 43.00 - 49.00 CANNER AND LOW CUTTER 1-2 40.00 - 43.00.

SLAUGHTER BULLS 4 HEAD BULLS Y.G. 1-2, 1300-1600 LB. 61.00 - 65.25 Y.G. 1-2, 1600 LBS. & OVER 60.00 - 65.00.

FEEDER CATTLE 50 HEAD.

STEERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 500-600 79.50 - 76.00 - 600-700 77.50.

HOLSTEIN STEER MED & LARGE 2 500- 700 66.25 700- 900 58.00.

HEIFERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 200-300 - - 75.00 - 600-700 - - 60.00- 63.00.

BULLS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 200-300 - - 85.00.

BABY CALVES RETURNED TO FARMS 4 HEAD NEWBORN TO 4 WKS OLD 75.00-82.50 PER HEAD 100 LBS & OVER 110.00 PER CWT.

Peoria Sheep

Peoria, Illinois

Tuesday, December 31, 1991

FEDERAL-STATE OPENING, MID-SESSION AND CLOSE SHEEP: 50 NOT ENOUGH FOR A MARKET TEST.

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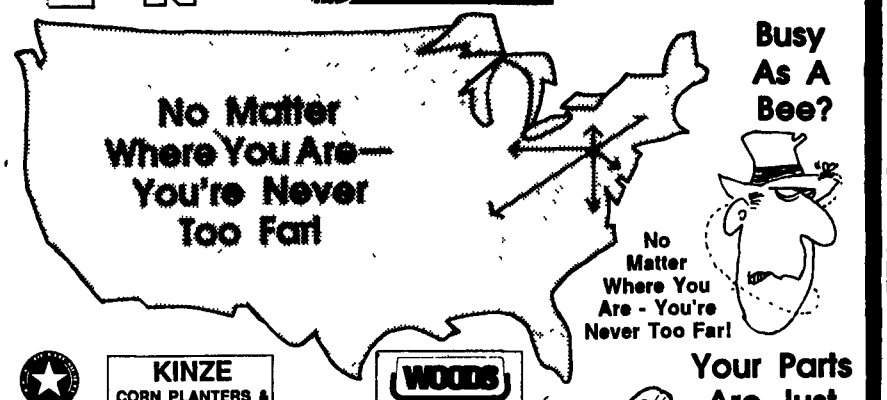
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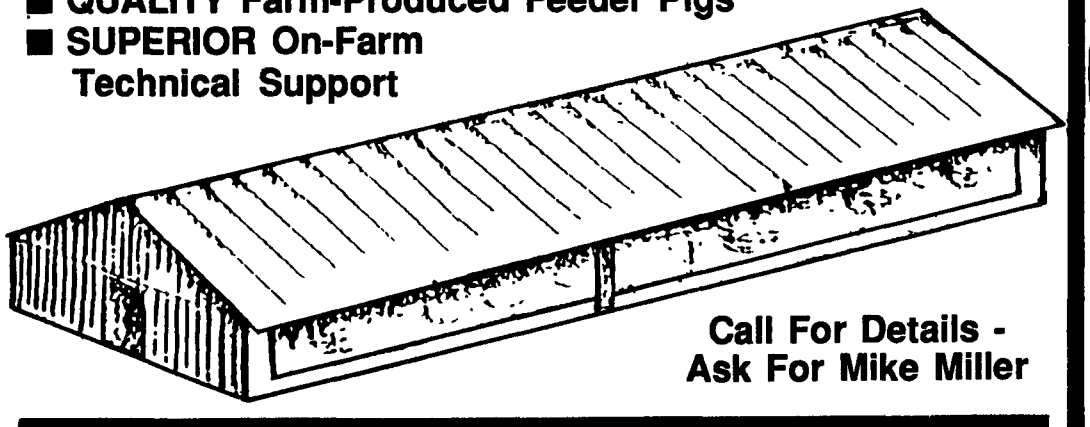

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Lancaster Farming

OPINION

All Roads Lead To The Farm Show

With the new year, agricultural thoughts turn to the annual winter Pennsylvania Farm Show to seek what's new and to make contacts for service and equipment purchases. The farmer inquiries that commercial exhibitors receive at the Farm Show help these agribusinesses to make plans for the coming spring field work season.

In the arenas and other areas where crops, livestock, dairy, and other farm products will be judged, another part of the Farm Show is unveiled. With $198,266 in premiums for winning entries, Farm Show goers can be assured of some fancy Pennsylvania-grown products to be on display.

Then there will be the meetings. The Farm Women have a big day. And anyone who has never seen the pageantry of the FFA annual meeting at the Forum should go just to be inspired with hope for the future from our youth in agriculture and agribusiness.

A lot of people talk about the "Farm Show Weather," which usually means snow. So far this year, the weatherman has only recorded a "trace" of snow for the Harrisburg area. Will the Farm Show bring out the first good snow blizzard of the season? We'll know next week.

On a more economic note, the impact that agriculture has on the entire economy of the State cannot be overstated. Twenty percent of the jobs in Pennsylvania are dependent on agriculture. Cash income from farm marketings in 1990 was $3.78 billion. All things considered, this is not just a show for farmers. From Beaver To Bucks and from Tioga to Fulton and from all the counties in between, all roads lead to Harrisburg. From January 11 to 16, 1992, all roads lead to the Farm Show.

Farm Forum

Editor:

I would like to start this letter with a press release from the Virginia Milk Commission.

Farmers get more for milk

Most of Virginia's dairy farmers will get about four cents more per gallon for raw milk, beginning Dec. 1.

The state milk commission voted Nov. 6 to increase eastern Virginia's milk base price from $16.85 per hundredweight to $17.26 per hundredweight.

Ira W. Harlow, deputy administrator for the Virginia Milk Commission said many producers have been receiving less than the cost of production for their milk for more than a year.

I believe going to Washington looking for higher milk prices is like beating a dead horse. Farmers are going to have to go to their state governments, explain why a healthy dairy industry is good economically, and seek higher prices.

I read an article recently that said for every five dairy farms that go out of business, one rural business closes also. Vermont was losing farms so fast that the state started paying farmers $1.00 per hundred for their production because the loss of cows was hurting the tourist industry.

I would like to see the Pa. Milk Marketing Board take over pricing for the state. I would also urge farmers to attend the Milk Marketing Board hearing to be held on Thursday, January the 9th at 9:00 a.m. in Room 309 of the Agriculture Building in Harrisburg. It is across Cameron Street from the Farm Show Building.

Dave Jenkins
Meyersdale

NOW IS THE TIME

By John Schwartz
Lancaster County Agricultural Agent

To Develop Budgets

Budgeting with or without the aid of a computer allows you to see on paper the results of various alternatives.

By taking time now to budget out on paper your anticipated costs and receipts, you will give yourself an idea of what production standards must be met in order to break even or needed to make the level of profit desired.

Historical farm records will give you an idea of what your average yield is and the range of yields you have experienced in the last 10 years. These figures are very important in establishing the assumptions for your budget.

Remember, a budget is an estimate of the future. While trying to be realistic in your figures, work in round numbers and do not try to account for every cent. By using averages and working on a per unit figure (for example, per acre, per cow, per hen housed), will take a lot of the drudgery out of budgeting.

By budgeting, you could keep yourself from investing time, money, and other resources in a losing situation while placing these same resources in a more profitable enterprise.

To Review Milking Preparation Procedure

Proper preparation of dairy cows for milking is very important for the production of quality milk, efficient milkout, and for the prevention of mastitis.

About one minute before milking, dry wipe loose dirt from cows' teats, remove a few streams of milk, and fully immerse the teat in a pre-dip sanitizer solution. This will do a lot to prevent cows from becoming infected with environmental mastitis. It also minimizes the risk of environmental organisms getting into the milk supply.

Wait one half minute and then attach the milker units. Remove the units as soon as the cow is milked out. The teats should again be dipped in a post-dip solution to sanitize the teat ends. Always keep the udder and teats as dry as possible.

Remember, since mastitis organisms may be spread by your hands, dip your hands in a bucket of sanitizer solution as you move from cow to cow.

To Protect Pesticides From Freezing

Pesticide storage during freezing weather is important and should not be overlooked for those leftover or newly purchased pesticides.

Year round, pesticides need to be maintained, secured, and properly supervised. But during winter weather, many pesticides must also be protected from freezing.

Low temperatures, freezing, and damp conditions may affect the effectiveness of pesticides. Pesticide storage facilities should be a separate, secured, heated, and dry building and protected from sunlight.

Cold temperatures may crystallize liquid pesticides and cause them to break storage containers or change their chemical makeup.

Feather Prof's Footnote: "Take time to play — it is the secret of perpetual youth."

Farm Calendar

Saturday, January 4

Wayne Co. Livestock Health Management Workshop, John Marshall's, Beach Lake, 10 a.m.-noon.

Sunday, January 5

Monday, January 6

Penn State Ice Cream Short Course, J.O. Keller Conference Center, University Park, thru Jan. 16.

Mercer Co. Dairy Workshop, Extension Center, 10 a.m.-3 p.m.; repeats Jan. 13.

Advanced Commodity Marketing Seminar, Part II, Cecil Co., Md. Extension Office, 9 a.m.-11 a.m.

Tuesday, January 7

Lancaster Co. annual Tobacco

(Turn to Page A31)

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

NEARER THAN YOUR LOCAL CHURCH
January 5, 1992

Background Scripture: Psalms 84.

Devotional Reading: Psalms 90.

I have always regarded the 84th Psalm as a hymn of joy composed by someone who is either making the pilgrimage to Zion, or has just completed one. I was surprised, therefore, to find that Biblical scholar Samuel Terrien in his **The Psalms and Their Meaning for Today** (Bobbs Merrill, 1952), regards the Psalmist as someone in exile who, out of his "religious homesickness," is expressing a deep sense of melancholy at his distance from God's Temple.

There may be plaintiveness in his realization that "Even the sparrow finds a home, and the swallow a nest for herself, where she may lay her young at thy altars..." (84:3). Is this what Jesus meant when he said, "The foxes have holes, and the birds of the air have nests, but the Son of Man has nowhere to lay his head" (Matthew 8:20). So, perhaps it is with spiritual envy that the Psalmist exclaims, "Blessed are those who dwell in thy house, ever singing thy praise!" and he is saying, in a sense, "Oh that I were there too!" If that is so, I can better understand his lament, "My soul longs, yea faints..." (84:2).

NO EDIFICE COMPLEX

I had always also assumed that the Psalmist is rhapsodizing over the Temple itself: "How lovely is thy dwelling place..!" But Prof. Terrien tells us that it is not God's Temple that is the object of the Psalmist's longing, but the God who is experienced in that Temple. Wonderful as God's "dwelling place" may be, no matter how much we may long for "the courts of the Lord, " it is not the building or even the place that is paramount, but God himself: "my heart and flesh sing for joy to **the living God,"** not his Temple.

The Psalmist remembers not only the glory of being in God's Temple, but also the wonderful experience of making the pilgrimage to get there. He remembers that even in the midst of the desert wastelands, God gave him and others the strength to go on: "Blessed are the men whose strength is in thee ...They go from strength to strength" (84:5-7). No matter how difficult the way, he found that his faith in God brought him the daily strength he needed to finish the pilgrimage. Sometimes Baca is associated with **bekah,** "tears, " so that this is possibly an allusion to God turning the "tears" in his barren place to the "springs" and "pools" of a landscape that figuratively blooms.

AS IN HIS PRESENCE

Then the Psalmist makes a discovery: seperation from the temple cannot keep him from God's presence. "Blessed are the men...in whose heart are the highways to Zion" (84:5). Blessed is the man who trusts in thee!" (84:12). God can live in our hearts as well as in our temples and it is in our trust that we are able to know his presence, as Emerson put it "closer than breathing, and nearer than hands and feet."

At this point, the mystic becomes a moralist: "No good thing does the Lord withhold from those who walk uprightly" (84:11). To "walk uprightly" is a Hebrew phrase which Terrian says means "to behave as if in the continuous of God, without any attempt at concealment..." If, because we are in the continuous presence of God that presence means not only his everpresent help, but his everpresent expectation for us to live unashamed in his sight.

No matter how near your church is, God is always nearer. And all of us can join St. Augustine in saying, "I sought thee at a distance, and did not know thou wast near."

(Note: join the 30th Ski & Spa Holiday in Badgastein Austria with the Althouses March 6-21. Friendship Tours, 4412 Shenandoah Ave., Dallas, TX 75205.)

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Everett R. Newswanger Managing Editor

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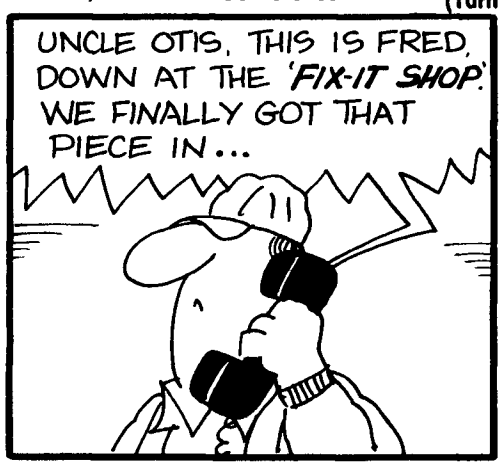

Show Opens With Something For Everyone

(Continued from Page A1)

ANIMALS ON DISPLAY - Over 5,000 animals will be exhibited throughout Farm Show Week. Sheep, swine, horses, dairy cattle, beef cattle, dairy goats, poultry and rabbits will be the focal point of judging competitions and sales.

ASSOCIATION MEETINGS - Farm Show Week provides a great opportunity for agricultural associations to conduct meetings since so many members are already attending or participating in the show. See the meeting schedule for the date and time of your organization's meeting.

BEEF CATTLE - See five different breeds of beef cattle in competition at the 76th Farm Show. The show features Angus, Charolais, Limousin, Polled Hereford and Simmental breeds. Open beef cattle judging is scheduled for Monday, and the junior beef and steers will be judged on Wednesday in the Large Arena.

BRED GILT SHOW AND SALE - The Bred Gilt Show and Sale affords swine breeders an excellent opportunity to purchase champion animals to build and improve their herds.

For the first time, all eight breeds of swine will be sold on the same day -- Saturday -- in the Small Arena.

BUTTER SCULPTURE - A lifesize sculpture carved from butter will be on display in a refrigerated case in the front lobby.

Sponsored by the Pennsylvania Dairy Promotion Program, this year's creation will focus on the importance of youth in our dairy industry by honoring the 35th anniversary of the Dairy Princess Pageant.

COMMERCIAL EXHIBITORS - See more than 275 commercial exhibits featuring the newest innovations in farm equipment, services and products.

With over $10 million of equipment on display, you will want to give yourself plenty of time to see and learn about this year's newest products. More than 25 new exhibitors will participate in the 1992 Farm Show.

COMMODITY DISPLAYS - Some of the Farm Show's best kept secrets are located in the the East and West Lobby. These commodity displays include such products as corn, hay, tobacco, maple syrup, fruit, nuts, honey, potatoes, small grains, vegetables, evergreen trees, poultry, wool and mushrooms. The displays feature some of Pennsylvania's finest agricultural products in competition.

COOKING DEMONSTRATIONS - Looking for some new menu ideas? Cooking demonstrations will be featured daily in the Pennsylvania Food Pantry in the West Lobby. Student chefs from the Indiana University of Pennsylvania and the Harrisburg Area Community College will share their culinary talents, preparing recipes with quality Pennsylvania food products.

DAIRY CATTLE SHOWS - Over 400 head of dairy cattle representing the six major breeds will be exhibited in the North Building throughout Farm Show Week. Dairy cattle judging takes place on Tuesday in the Large Arena, concluding with a Parade of Champions and selection of the Supreme Champion Dairy Cow.

DAIRY FUN NIGHT - Showgoers will find plenty to smile about during the Tuesday evening program in the Small Arena. Co-sponsored by the Pennsylvania Dairy Promotion Program, the event features an ice cream churning contest, a celebrity milking contest and a calf dressing contest in recognition of Pennsylvania's outstanding dairy industry.

DAIRY GOAT SHOW - If the dairy goats are on your list of things to see at the Farm Show, plan to attend on Thursday. The dairy goat judging begins at 8:30 a.m. in the Large Arena with competition in six different breeds.

The dairy goats will be on display there throughout the day.

DUQUESNE UNIVERSITY TAMBURITZANS - The nationally-acclaimed Duquesne University Tamburitzans, a 40-member ensemble of scholarship students, are scheduled to perform in the Large Arena on Sunday afternoon. Their music, song and dance is an authentic representation of the eastern European countries, complete with instruments, elaborate costumes and choreographies.

EDUCATIONAL EXHIBITS - Federal and state government agencies, along with universities and agricultural organizations, offer Farm Show visitors valuable information on their services and activities. The Farm Show provides an excellent opportunity to talk with representatives of these groups and get firsthand information.

ENTRIES - Over 8,000 entries are expected to vie for record premiums in 30 departments of competition this year. The variety extends from livestock and poultry to commodity and school exhibits to farm and home displays.

FOLK DANCE FESTIVAL - The Folk Dance Festival, scheduled for 7 p.m. on Monday night in the Large Arena, has always been a sight to behold. This year's competition promises to be spectacular, as 60 sets of costumed dancers vie for monetary prizes in three age divisions. During breaks in the action, 100 members of local clubs will demonstrate the latest in round and square dance techniques.

FOOD COURT - The commodity food booths were expanded last year and moved to a new location called the Pennsylvania Food Court. Vendors and hungry visitors unanimously called it the best improvement ever made at the Farm Show! The East Building is the place to look for milkshakes, baked potatoes, vegetable soup, chicken pieces and chicken corn soup, deep fried mushrooms, potato donuts, lamb stew, apple cider, honey ice cream, pork barbecues, beef sandwiches and cinnamon rolls.

Don't be surprised to find several new food products on this year's menu.

4-H HORSE DRILL TEAM - Members of the Cumberland County 4-H Horse Drill Team will perform an hour-long precision riding program on Saturday afternoon in the Large Arena.

Year after year, this group has been a popular attraction for Farm Show visitors.

4-H EXHIBITS - Along with the traditional categories like food and nutrition, clothing and textiles, Pennsylvania 4-H members can now submit entries in more creative subjects like animal science, entomology, photography, gardening, wildlife, forestry, health and child care projects.

The 4-H display area, located on the Lower Concourse of the Large Arena, will be open to the public all week.

GOVERNOR'S REVIEW - The Large Arena will be transformed into a showcase of Pennsylvania agriculture on Sunday as 25 commodity representatives present their product samples to Governor Robert P. Casey and Secretary of Agriculture Boyd E. Wolff. The program starts at 10 a.m. this year, with a non-denominational worship service. The Governor's Review is at 11 a.m.

Everyone is also invited to enjoy the entertainment of the famous Quaker City String Band, the draft horse hitched competition and the Duquesne University Tamburitzans.

(Turn to Page A28)

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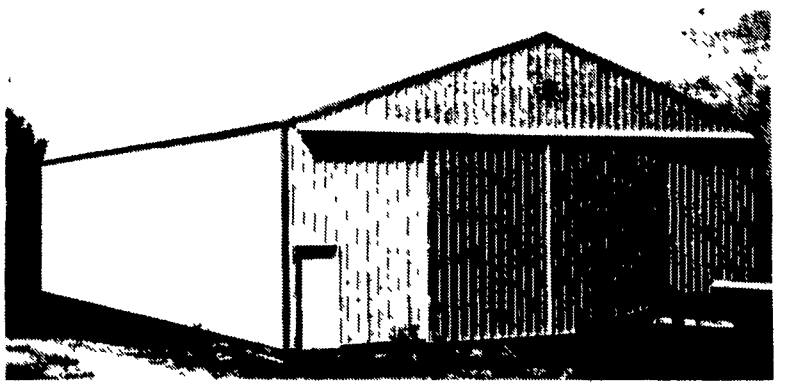

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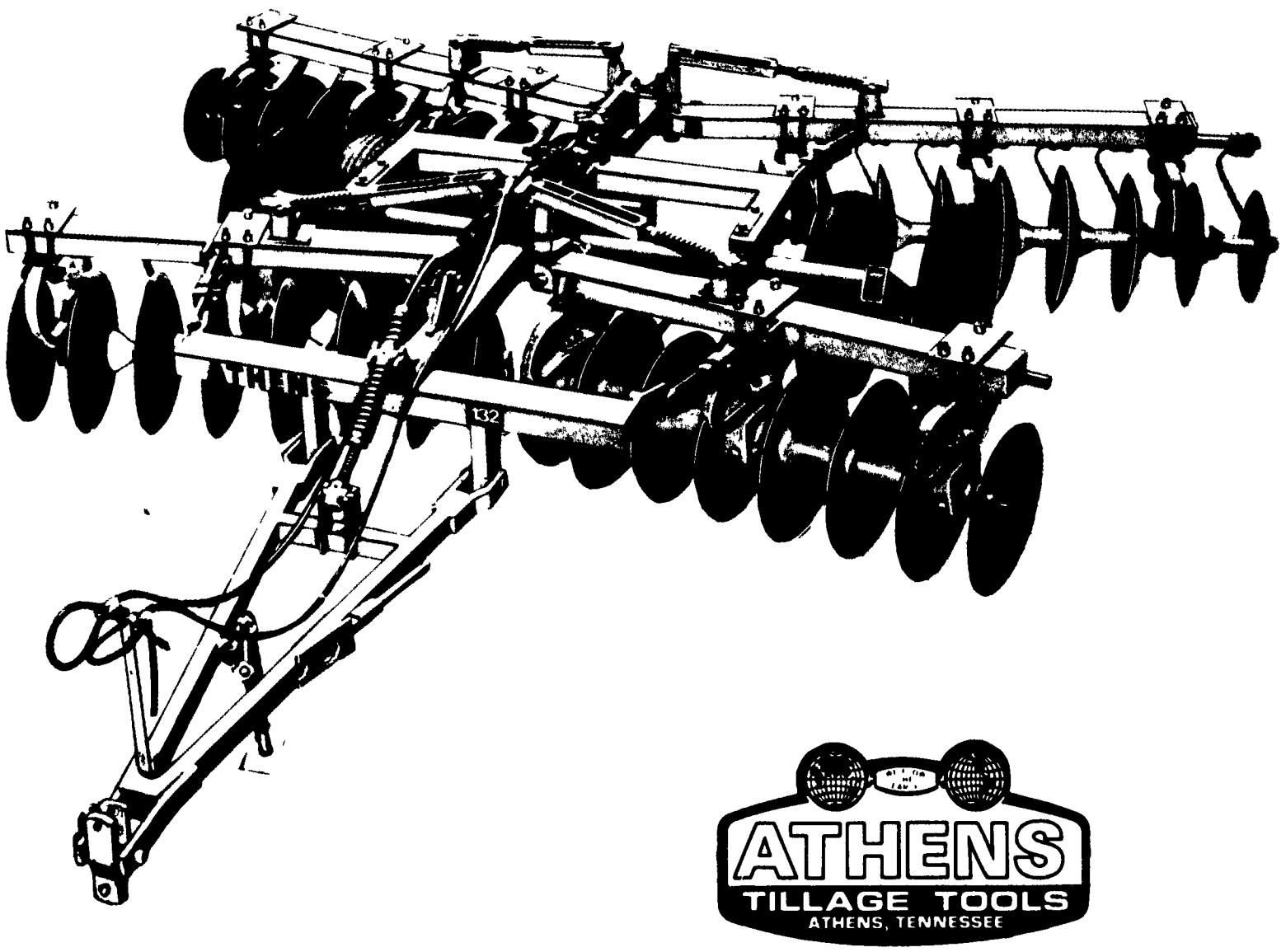
Athens Model 132 Flex Harrow



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The Model 132 is available in 9 foot 6 inch cutting width, 11 foot cutting width, and 12 foot 6 inch cutting width. Add 18 inches for transport widths to include the cover disks on the rear gangs.

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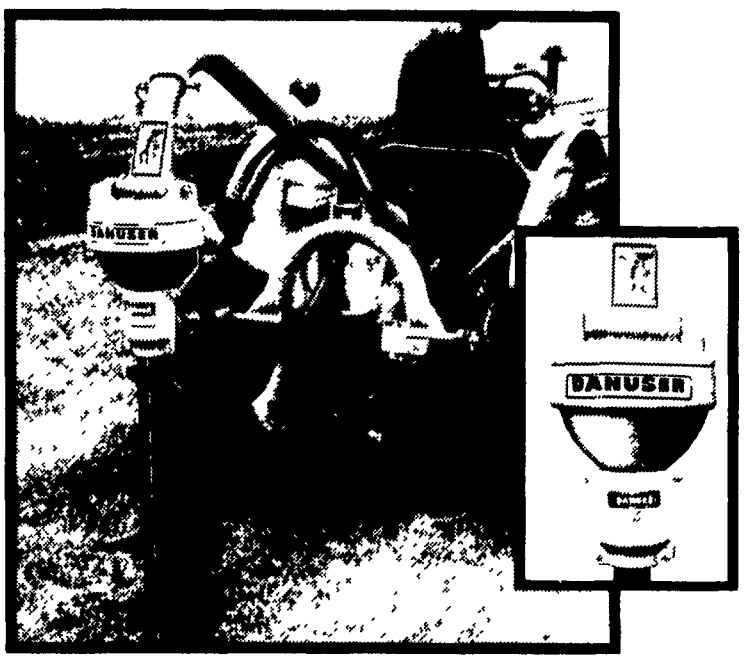

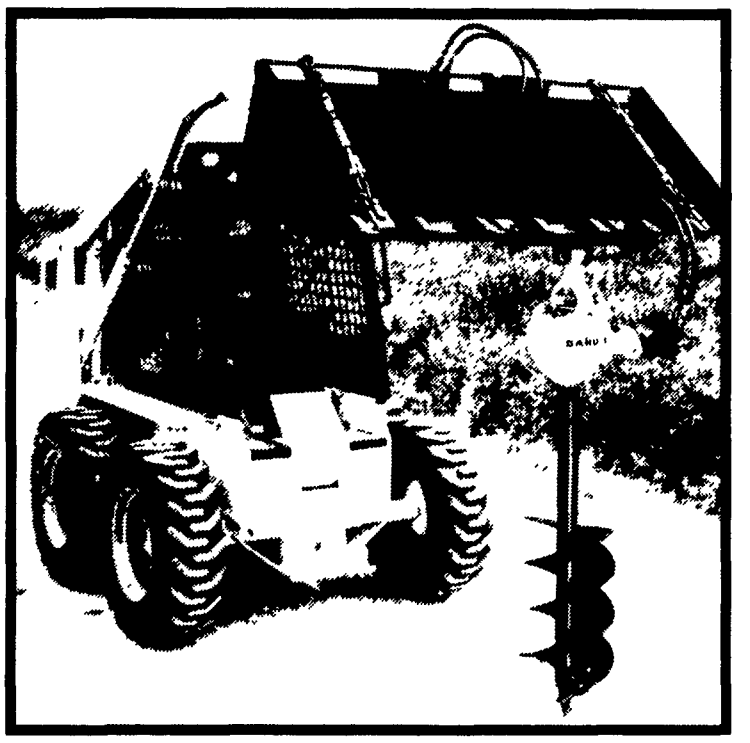

The 8800 Digger is equipped with heavy steel auger adaptor shield. (Shown to right of picture). Although this serves as protection against misuse, it in no way nullifies the clearly stated warning that an area within 25' of a digger in operation is unsafe.

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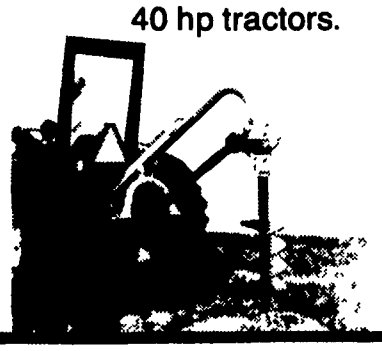

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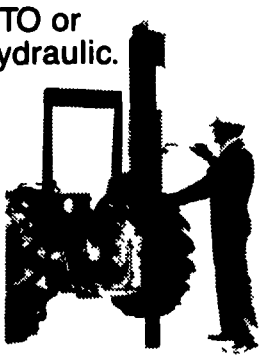

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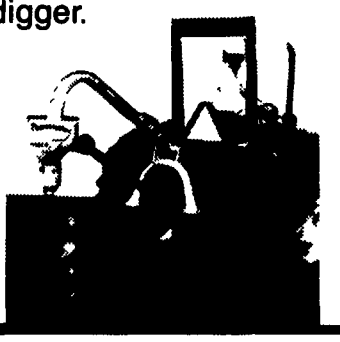

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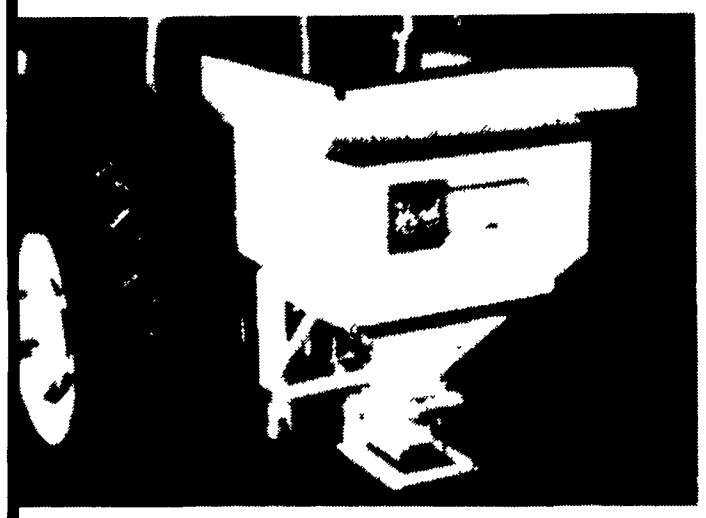

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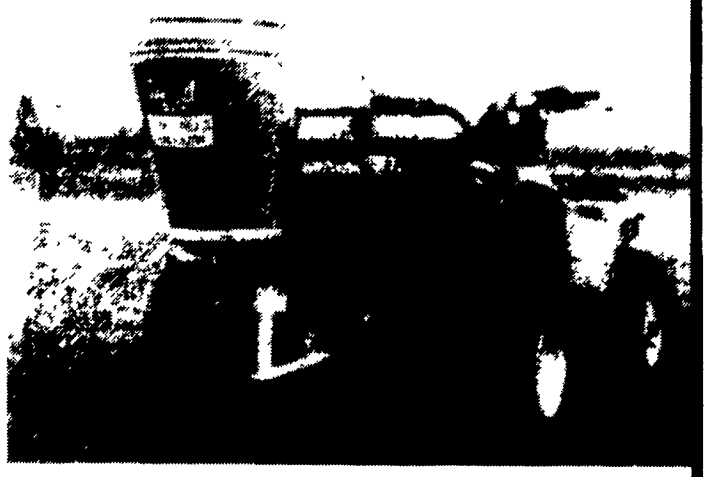

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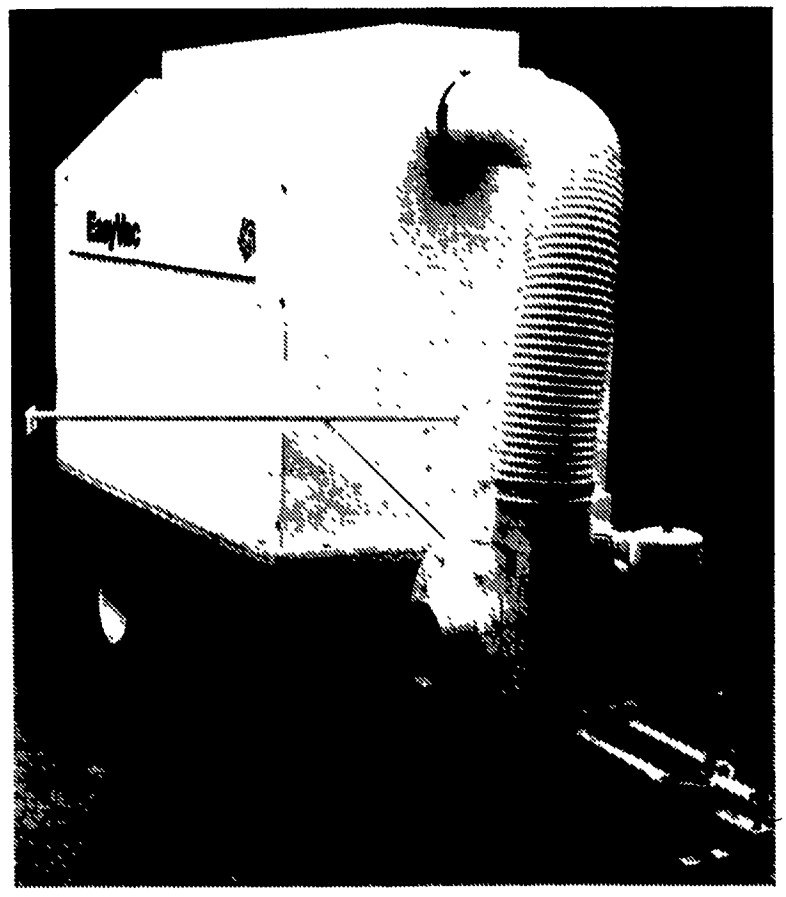

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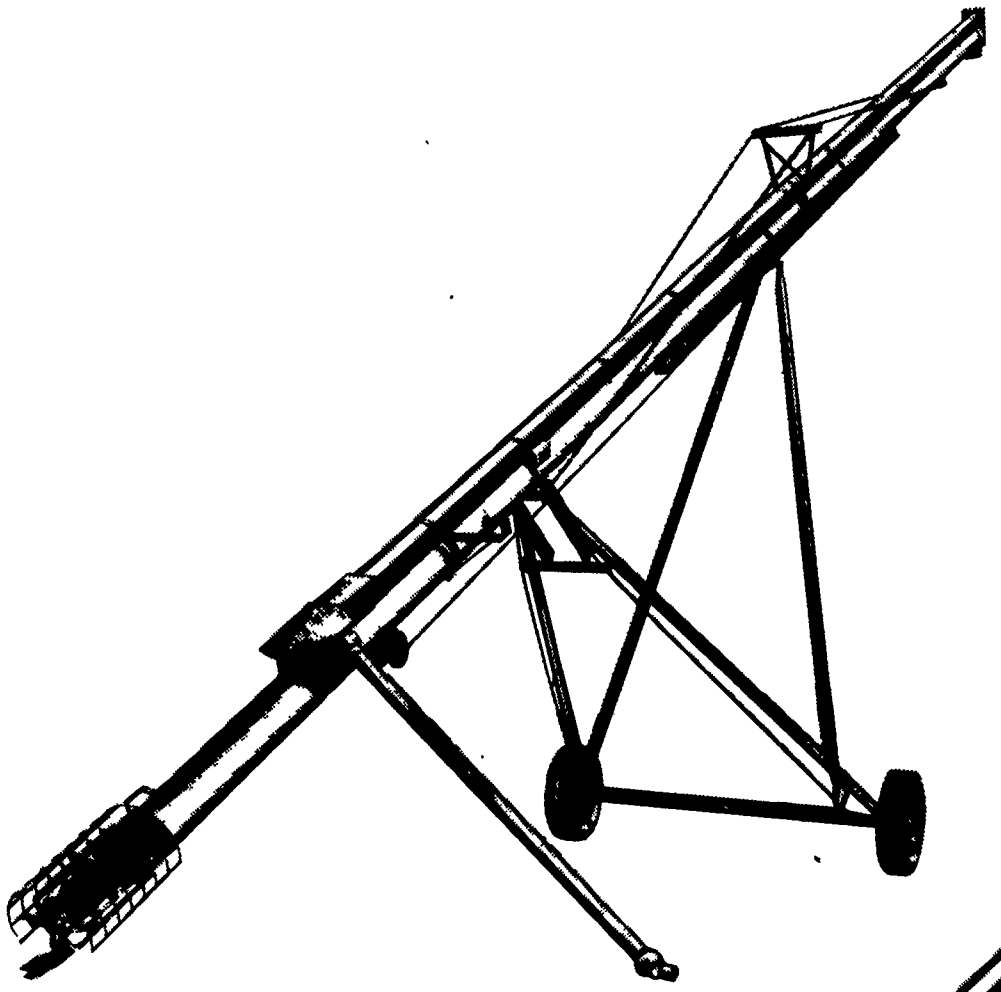

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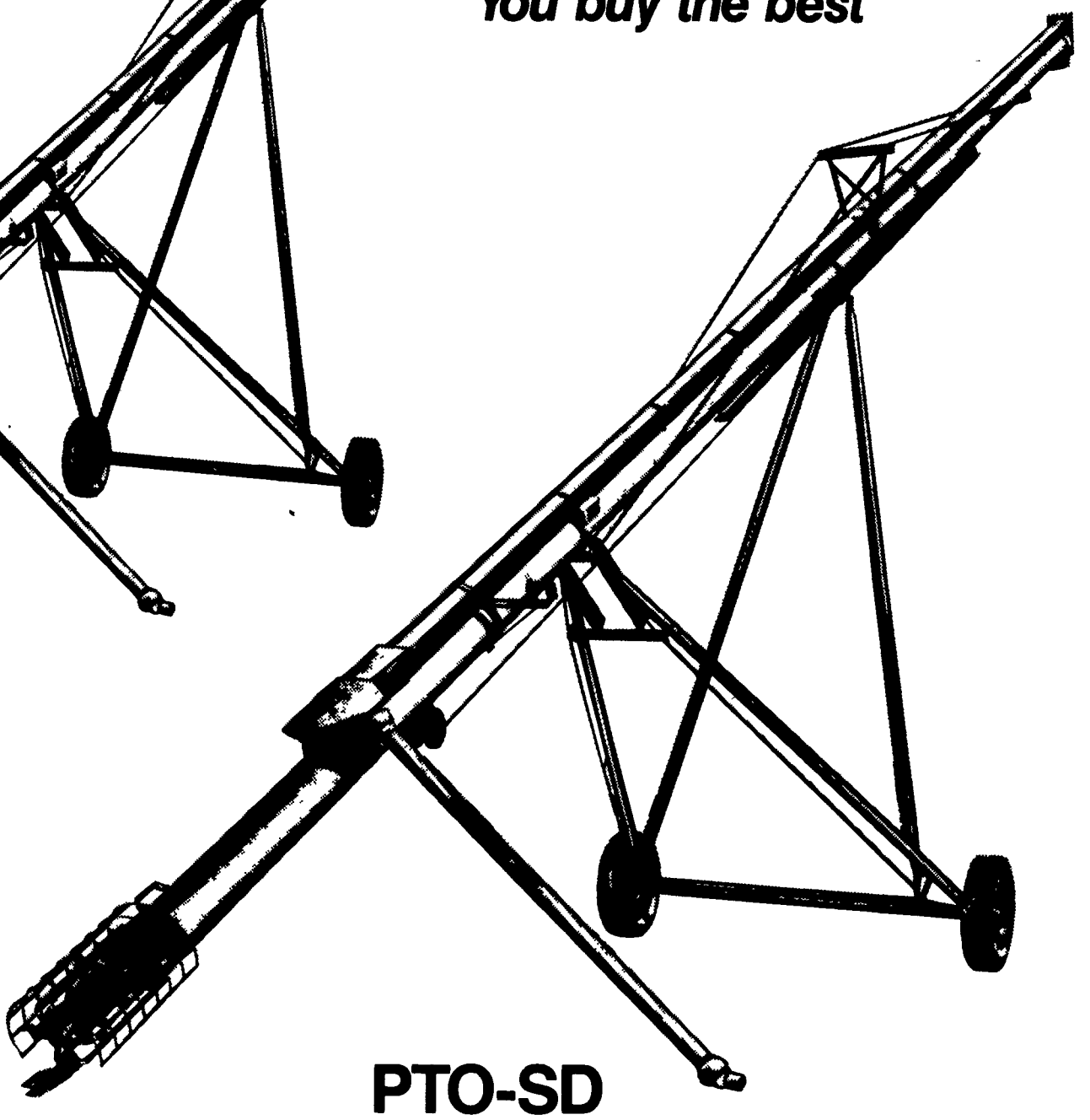

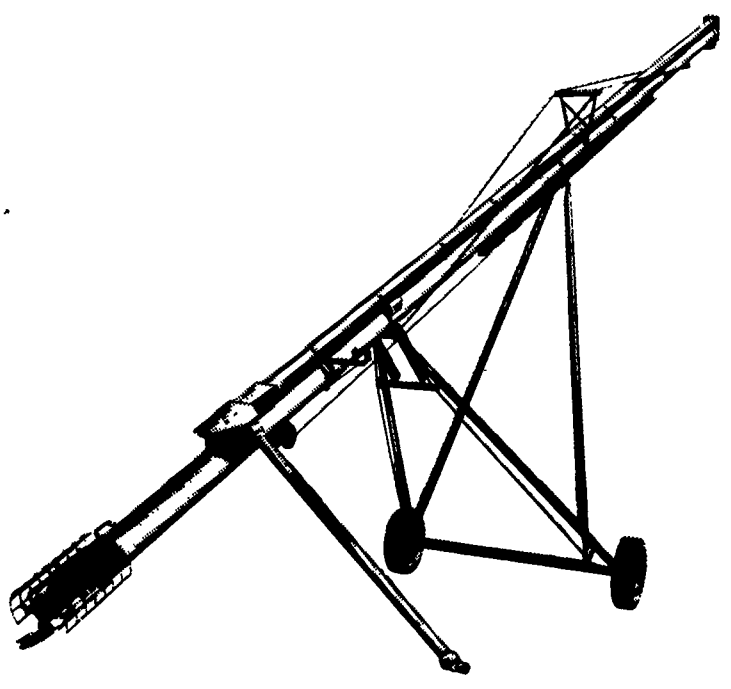

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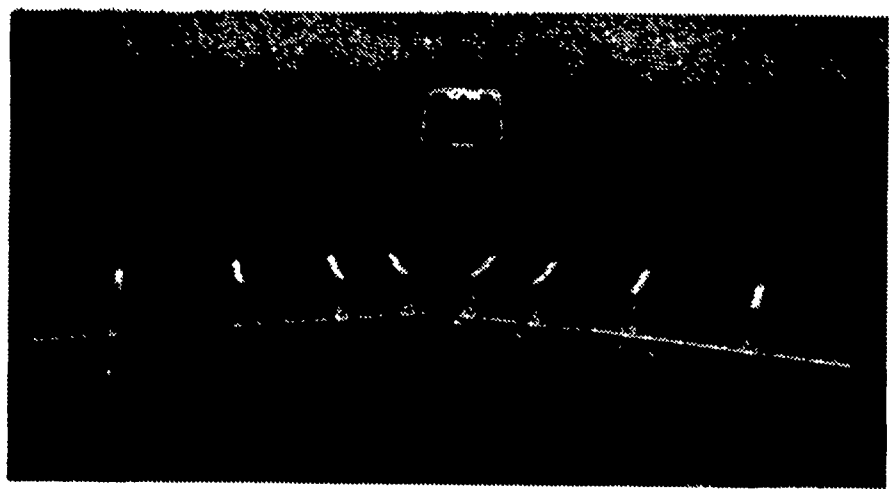

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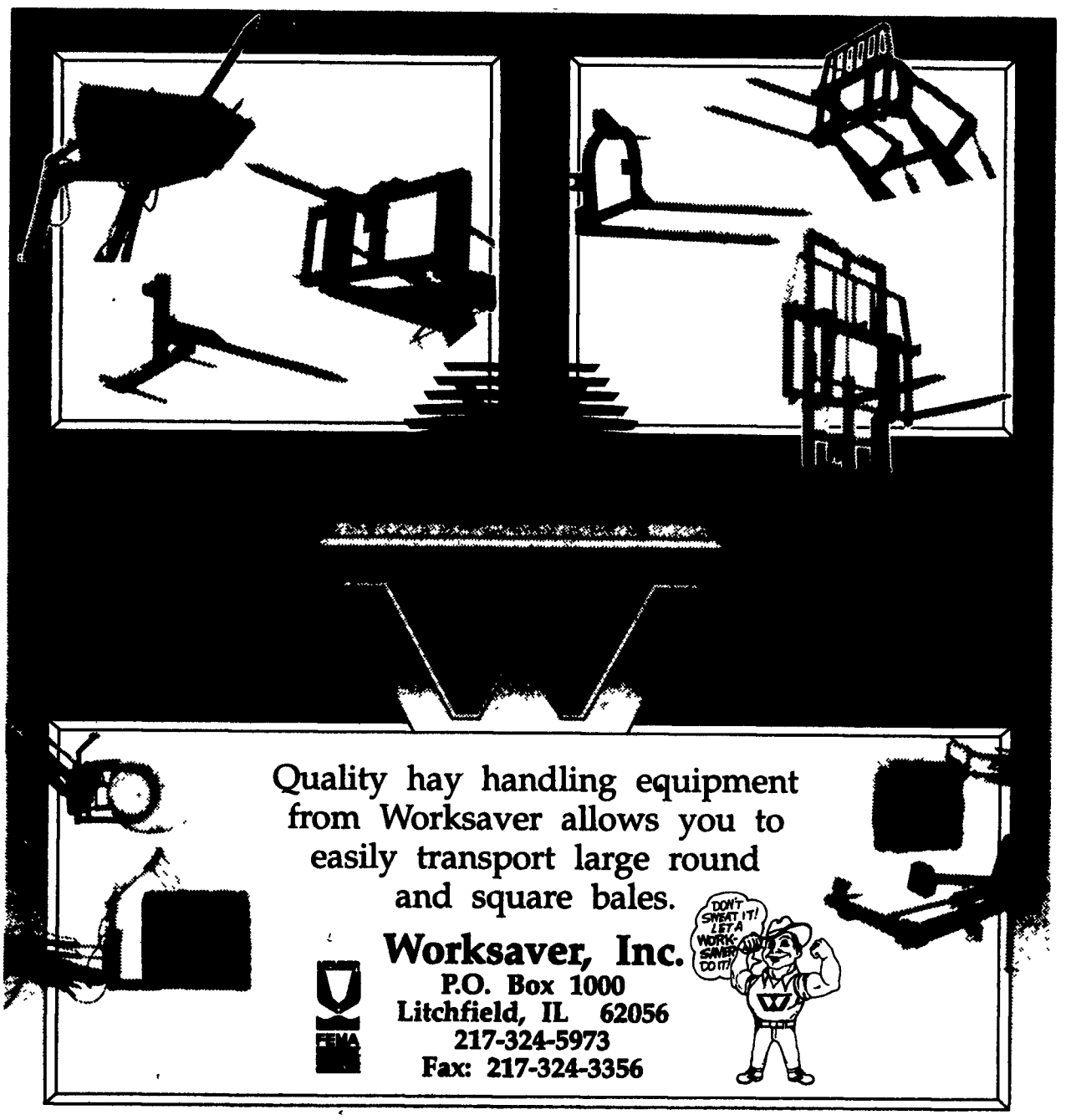
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Tuesday, December 31, 1991

NO WIRES WILL BE ISSUED ON WEDNESDAY AND THURSDAY, JANUARY 1 & 2. THE PHILADELPHIA WHOLESALE MARKET WILL BE CLOSED BOTH DAYS IN OBSERVANCE OF THE NEW YEAR'S HOLIDAY. THE PHILADELPHIA MARKET NEWS OFFICE WILL BE CLOSED ON WEDNESDAY AND OPEN ON THURSDAY.

---ARTICHOKES OFFERINGS INSUFFICIENT TO QUOTE --- ASPARAGUS OFFERINGS LIGHT PERU 11-lb crt bchd 10s White lge & std few 20.00 ---BEANS OFFERINGS LIGHT FL various bu containers Round Green type 25.00-28.00 fair qual low as 22.00 ---BEANS-LIMA NO OFFERINGS ---BEETS TX topped 25-lb film bags 7.00 NJ topped bubkt few 10.00 ---BROCCOLI LOWER CA ctn bchd 14s 7.50-9.50 mos 8.00-9.00 fair cond 3.00-5.00 18s 10.00 TX ctn bchd 14s 4.00-6.00 ---BRUSSEL SPROUTS OFFERINGS INSUFFICIENT TO QUOTE ---CABBAGE ABOUT STEADY 1-3/4 buctn & crt med green unless otherwise stated FL 14.00-15.00 mos 14.00 Red 14.00 GA fair cond 8.00-10.00 VA sml fair qual 11.00 Savoy type 10.00-11.00 NY 50-lb sks lge 7.50-9.00 mos 8.00-9.00 Red 1lse jbo CA 9.00-10.00 FL 7.00-8.00 CANADA 9-9.50 mos 9.00 ---CAULIFLOWER LOWER CA ctn film wrpd 12s fair cond 7.00-8.00 TX ctn film wrpd 9s 5.00-8.00 12s 8.00-10.00 one lot 6.00 ---CELERY HIGHER CA ctn 2 doz 13.00-14.00 2-1/2 doz 13.00-14.00 3 doz 13.00 FL ctn Hearts film wrpd 18s 7.50-8.00 ---CHINESE CABBAGE OFFERINGS INSUFFICIENT TO QUOTE ---CORN OFFERINGS LIGHT FL wirebound crt 4 doz min Yellow 11.00-12.00 White 15.00-16.00 mos 15.00 ---CUCUMBERS ABOUT STEADY 1-1/9 bucrts & ctns waxed medium unless otherwise stated FL 14.00 fair qual 8.00-10.00 sml 12.00 fair appear 8.00-10.00 MEXICO 14.00 sml fair qual 10.00 Pickles unwxd 20-lb ctn med poor cond 1.00 HONDURAS fair cond 8.00-9.00 ---DAIKON OFFERINGS INSUFFICIENT TO QUOTE ---EGGPLANT ABOUT STEADY FL bu & 1-1/9 buctn med incl wrpd 7.00-8.00 some 6.00 fair qual 4.00-6.00 few 3.00 ---ENDIVE ABOUT STEADY FL 1-1/9 bucrt 5.00-6.50 mos 6.00 ---ESCAROLE ABOUT STEADY FL 1-1/9 bucrt 5.00-6.50 mos 6.00 ---GARLIC per lb CA 30-lb ctn White colossal .95 super jumbo .90 extra jumbo .85 ---GREENS ABOUT STEADY crt & ctn approximately 1-1/2 bu bchd unless otherwise stated NJ Collards fair cond 5.00 Red Kale 10.00-11.00 GA Collards 6.00-7.00 mos 6.50 Mustard, Turnip Tops & Kale 6.50-7.00 mos 6.50 Rape 6.50 NC Collards 6-6.50 Mus- tard, Turnip Tops, Kale & Rape 6.50 VA Collards & Kale 5.50 TX 24s Dande- lion 9.00 MEXICO 20-lb ctn Broccoli Rabe 12.00 --- LEEKS STEADY FL crt bchd 12s 11.00-12.00 ---LETTUCE ICEBERG ABOUT STEADY ctn 24s unless otherwise stated AZ wide range in appear 7.00-9.00 fair qual 5.00-6.00 film wrpd 24s 8.00 fair cond 5.00 CA 9.00 film wrpd 24s 8.00-9.00 one label 11.00 ROMAINE ABOUT STEADY CA 24s ctn 8.50-10.00 few 11.00 some low as 7.00 fair cond 5.00 crt 12.00- 13.00 BOSTON CA ctn 24s 8.00 FL ctn 24s 5.00-6.00 BIBB FL flat ctn 24s 5.00-6.00 LEAF CA ctn 24s 7.00-9.00 mos 7.00-8.00 few fair cond 4.00-5.00 Red 7.00- 8.50 mos 7.00-8.00 fair cond 4.00-5.00 ---MUSHROOMS STEADY PA 4-qt bkt med-lge 4.50-5.00 some 5.75 sml-med 3.50-4.00 few 4.25 10-lb ctn med 8.25-9.00 mos 8.50 lge 11.00 few 11.50 exlge 11.00-11.50 packages 10-12 oz 8.25-9.00 mos 8.50 3-lb ctn Shiitake 18.00-20.00 fair qual 14.00-15.00 --- OKRA OFFERINGS INSUFFICIENT TO QUOTE ---ONIONS-GREEN OFFERINGS LIGHT MEXICO ctn bchd 48s 14.00 fair cond 7.00-8.00 ---PARSLEY ABOUT STEADY bchd 5 doz Curly unless otherwise stated FL crt 9.00 TX ctn incl Pain 10.00-11.00 ---PARSNIPS NJ 1/2 buctn few 10.00 ---PEAS-GREEN SLIGHTLY LOWER GUATEMALA 10-lb ctn per lb Sugar type .80-.90 few 1.00 few low as .70 ---PEAS-SOUTHERN NO OFFERINGS ---PEPPERS SLIGHTLY LOWER 1-1/9 bucrts & ctns Calif Wonder type Green unless otherwise stated FL exlge 8.00-11.00 mos 10.00 fair cond 5.00 med 8.00 fair qual 6.00 sml 4.00 Mixed Red med-lge 5.00 Red exlge & lge ord-fair cond 2.00-8.00 med ord-fair cond 2.00-6.00 sml fair cond 2.00-5.00 Cubanelle med-lge 5.00 MEXICO 15-lb ctn Red lge 8.00 ---RADISHES ABOUT STEADY FL ctn Red 30-6 oz film bags 3-3.50 mos 3.00 14-1 lb film bags 3.50-3.75 --- RHUBARB NO OFFERINGS --- RUTABAGAS CANADA CD#1 waxed med 50-lb ctns 8.00 ---SPINACH ABOUT STEADY NJ Savoy type 1-1/4 bucrt 7.00-8.00 CA Flat type crt bchd 24s 12.00 RE- PACKED ENROUTE ctn 12-10 oz film bags Savoy type 9.00 ---SQUASH ABOUT STEADY 1/2 bucrt & ctn unless otherwise stated FL Zucchini sml-med 6.00-7.00 fair cond 4.00 Yellow Straightneck sml-med 10.00 fair cond 6.00 med 8.00 MEXICO 28-lb lug Zucchini sml-med 6.00-7.00 ---SWEET POTATOES STEADY NC 40-lb cartons Jewel type cured US#1 12.50 NJ 1/2 buctn cured Yellow Jersey 7.00-8.00 mos 7.00 fair qual 4.00-6.00 Red Jersey 14.00 fair qual 8.00 --

BEEF. REAL FOOD FOR REAL PEOPLE.

EVERGREEN TRACTOR CO., INC.

TRACTORS:

JD 4040 Power Shift, Sound Guard, 2300 Hrs., Sharp $26,600
JD 4240 PS, Sound Guard $24,900
JD 3020 Diesel, Power Shift, Sharp $8,950
JD 7020 Duals, Cab, Air, PTO, 3 Pt. Sharp $17,500
Bobcat 643 Diesel Skid Steer Loader $8,750
AC WD w/2 Row Mounted AC Picker, Collectors Item $1,500

COMBINES & PICKERS:

6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
NI 818 combine, sharp
JD #343 3 Row 30" Corn Head $3,650
JD 4400 Diesel Rotary Screen Combine, Auto Header Heights, Air, Monitor, 23.1x26, and VS Feeder House
JD 653 6 Row 30" Bean Head $4,450
JD 13' Quick Tach Rigid Grain Head $1,850
JD 4425 Combine, Nice
JD 444 4 Row Wide Corn Head $3,650
JD 213 Rigid Head For Side Hill $2,850
NI 2 Row Wide w/Sheller $1,850
6 Row 1000 PTO Stalk Shredder $2,450
JD 443 Corn Head $4,650
JD #27 6 Row Stalk Shredder $2,950
UFT 6 Row Stalk Shredder 1000 PTO $2,450

CULTIPACKERS

Brillion 10' w/Big Shaft $950
Brillion 3' Section 28' Packer $2,450
Brillion 12' Packer, Big Shaft $1,150
JD 10' Packer $1,050
(1) Each Brillion 12' Packers w/Transport ..... each $1,250
Brillion 12' w/Big Shaft $1,250
Brillion 12' Packer w/Transport $1,850
Brillion 16' Packer w/Transport $1,850

MISCELLANEOUS:

NH 352 Grinder-Mixer $2,450
JD 37 Loader, All Hydraulics For Utility $1,850
Donahure Implement Trailer $1,850
Transcraft 42' Drop Deck Trailer, Air Ride, Nice $8,500
Bobcat 907 Backhoe $4,750
Fruehauf 20' Steel Dump Trailer, Single Axle, For Grain $1,850
JD 48 Loader for Row Crop Tractor $2,150
JD 10' HD Front Dozer Blade $2,150
JD Tandem Drill Hitch $475
Martin Scavenger Spreader #1678 ..... $4,750
JD 148 Loader, Sharp $2,650
Bobcat 909 Backhoe $5,250
NI 243 Manure Spreader $2,950
NI 213 Manure Spreader $1,450
NI #244 10 Ton Tandem Axle Spreader $2,350

PLANTERS & GRAIN DRILLS:

JD 1240 Plateless Planter $850
JD 8300 18x7 DD Grain Drill w/Grass $3,850
JD 7000 Conservation 6 Row Liquid $9,500
JD Model B 14x7 Double Disc Drill $1,450
JD 7000 6 Row Liquid Fert. Attach. $1,500
(1) Ea. Complete JD 7000 Planter Units w/No-Till Coulters $450
JD 8300 21x7 DD Drill $3,450

ROW CROP CULTIVATORS & ROTARY HOES

JD 4 Row Front Mount Cultivator For 3020 ..... $1,550
JD RM 4 Row 30" Cultivator $1,050

Coming In...

Brillion 14' Packer, Big Shaft
Bobcat 743 Skid Steer Loader
JD F930 14' Transport Packer
JD 2 Row 3 Pt. Planter

PLOWS-MOLDBOARD AND CHISEL:

JD 7B 2500 Plow $3,950
JD 1450 6-16" Semi-Mtd. Plow $2,250
JD 4-16" F325 Auto Reset Plow $1,250
JD 2500 7x18" On-Land Plow $5,400
JD 1B Roll-Over Plow $1,250
IH 9 Tooth Pull Type Chisel $1,850
JD 2700 6B Auto Reset On-Land Plow $7,450
JD 10 Tooth Pull Type Chisel $1,850
JD 3200 6x18" Pull Type Auto Reset Plow $3,950
JD 2500 5x18" Auto Reset Plow $3,950
(New) JD 12' Chisel w/Walking Tandem $3,450
JD 1710A Mulch Tiller, 13 Shank, Sharp $4,500
JD F125 3x16 Plow $950
JD 4200 3B 18" Roll-Over Plow $3,950
JD 825 4B 16" Roll-Over Plow $3,250
Oliver 5 or 6 Bottom Spring Reset Plow $2,950
Add-on Bottom for 4200 Roll-Over $650

DISCS AND FIELD CULTIVATORS

JD 12' TWA Plowing Disc $2,550
JD 210 14' Black Gang Disc $3,850
IH 475 20' Hydraulic Wing Disc $4,350
JD 230 27' Wing Fold Disc w/New Blades $7,850
JD BWF 12' Disc $1,850
IH #45 12' Field Cultivator w/Tine Harrow $1,850
JD TW 12' Plowing Disk $1,500

ROLLER HARROWS AND CULTIMULCHERS

IH #315 12' Roller Harrow $2,850
Brillion 15' Cultimulcher $3,250
Kewanee 20' Flat Fold Roller Harrow $5,950
JD F950 12' Roller Harrow $3,450

HAY & FORAGE EQUIPMENT:

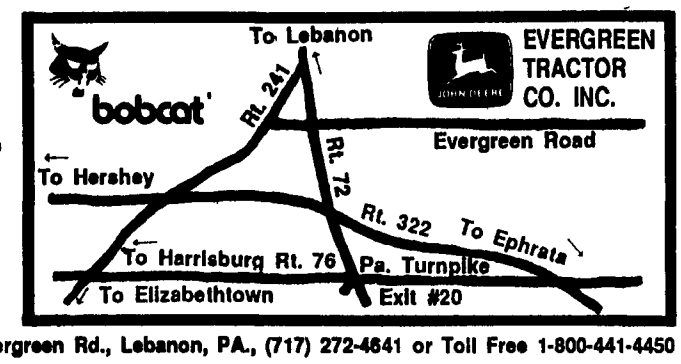
JD 1 Row, Row Crop Attachment, Nice $550
JD 5½ ' Pickup Attachment
NH 1010 Bale Wagon $4,350
NH 268 Baler w/Ejector
JD #30 Hydraulic Bale Ejector $1,500
Hesston 1091 Mower Conditioner $2,950
JD 672 Hydraulic Drive Rake, Like New $3,250
JD 327 Baler w/#40 Ejector, Sharp $7,950
JD 1207 Mower Conditioner $2,550
Owatonna 320 Stacker $1,550
JD 1209 Mower Conditioner $2,950
JD 5720 4WD SP Harvester w/3 Row & Pickup, One Of A Kind $64,500
IH #35 Hydraulic Drive Rake $1,450
NH 450 3 Pt. Mower $1,450

ANNOUNCING THE AVAILABILITY OF USED PARTS FOR THE FOLLOWING MACHINES:

- 7000 Planters
- 2500 Plows
- F350 Hydraulic Reset Plows
- Cultivator Parts
- Grain Drills
- Trip Plows
- Disc Harrows
- Cultipackers and Roller Harrows (John Deere and Brillion)
- 35 and 3800 Harvesters
- Grain Platform
- Combine Corn Head

This is a partial listing. Please call for availability even if your machine is not listed.

Store Hours
PARTS- Mon. Thru Fri.
7:30 A.M. To 4:30 P.M.
Sat. 8:00 A.M. To Noon
SERVICE- Mon. Thru Fri.
8:00 A.M. To 4:30 P.M.



30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

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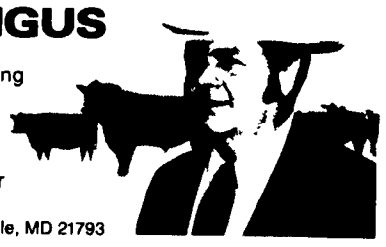
BILL POWELL, Regional Manager
American Angus Association
Call 301/845-2154 8789 Treasure Ave , Walkersville, MD 21793



An Invitation To Lancaster County Vegetable Growers

Hear Don Robinson At
The Bareville Fire Hall

Tuesday, January 7, 1992 12:00 PM

Don Will Be Speaking On The Following Subjects:

- **Yields On Vegetable Demonstration Plot At Leola Produce**
- **Experiments Using Colored Mulch To Increase Yields**
- **Economics of Vegetable Production**

Bruce Hellerick
Lancaster County Horticulture Agent

Will Moderate A Panel Of Buyers. Session Will Be Open For Farmers Questions

Meeting Will Qualify Farmers For Pesticide License Update Credits

Leola Produce Auction, Inc.

Wholesale Auction of Lancaster Co. Vegetables
Lic. #AH000028-L
Brethren Church Road
Leola, PA 17540

Lloyd Horst, Manager
215-267-6072 (Home)
Office 717-656-9592
656-9580

-TOMATOES HIGHER 25-lb ctn Pink to Light Red 85% or better US#1 qual unless otherwise stated FL exlge 8.00-9.00 fair cond 6.00 lge 7.00-8.00 REPACKED LOCALLY FL exlge 9.50 lge 9.00 med 8.50 PLUM TYPE FL 11.00-12.00 MEXICO fair cond 7.00-8.00 CHERRY TYPE flats 12-1 pt trays FL few 13.00 MEXICO 12.50 lge 9.00-10.00 ---TURNIPS topped PA 25-lb film bags med 5.00 --- VEGETABLES-OTHER ITALY flat ctn Radicchio 12s 11.50 ---WATERCRESS FL ctn bchd 24s 10.00.

Philadelphia Fruit Market

Tuesday, December 31, 1991

NOTICE:THE PHILADELPHIA WHOLESALE TERMINAL MARKET WILL BE CLOSED ON WEDNES- DAY JANUARY 1 AND WILL REOPEN ON THURSDAY JANUARY 2 AT 12:00. THE MARKET NEWS OFFICE WILL BE CLOSED ON JANUARY 1, 1991 AND WILL REOPEN ON JANUARY 2, 1991. HOWEVER NO REPORT WILL BE ISSUED ON EITHER OF THOSE DAYS.

---GRAPEFRUIT STEADY FL 4/5 buctn Seedless Indian River Red 23s 8.50-10.00 27s 8.50-9.50 32s 9.00-10.00 36-40s 8.50-10.00 mos 9.00-10.00 few 10.50 48s 9.00-10.50 fair qual 18s 7.50 23s 7.50-8.00 27s 6.50-7.50 few 6.00 32-36s 7.00-8.00 few 6.50 40s 7.50-8.00 48-56s 6.00-8.00 BAHAMAS 4/5 buctn Star Ruby Red 32s 6.50 36s 6.00 48s 6-6.50 --- LEMONS STEADY CA ctn 140s 16.00 165s 14.50 200s 14.00 fair qual 140s 14.00-16.00 165s 11.00 AZ ctn 140s 14.00 fair qual 140s 13.00-13.50 165s 12.00-13.00 few 14.00 200s 11.50 --- LIMES ABOUT STEADY 10-lb ctn Persian Seedless type FL few 42-48s 7.00 54-63s 6-6.50 ---MISC CITRUS SPAIN Clementine 10-kilo crt 90-98s 21.00 108s 20.00-21.00 mos 21.00 126s 19.00-20.00 168s 15.00 2-1/2 lb kilo crt 36s 6.50-7.50 mos 7.00 ---ORANGES STEADY FL 4/5 buctn Hamlin 64s 10.50 80s 9.00-10.50 100s 8.00-9.50 mos 8.00-9.00 125s 8.50 Navel 125s 7-7.50 CA ctn Navel 56s 20.00 72s 16.00-18.00 mos 16.00-17.00 88s 15.00-17.00 113s 12.00-13.50 138s 10.50-11.00 163s 10.00 fair qual 56-113s 14.00 ---TANGELOS ABOUT STEADY FL 4/5 bucrt Orlando 64s 10.00-12.00 80s 11.00-12.00 100s 8.00-11.00 some 7.50 125s 9.00-10.00 Minneola 80s few 16.50 CA 1/2 buctn Orlando Mammoth one label 15.00 jumbo 10.00 one label 13.50 lge 9.00 ---TANGERINES ABOUT STEADY FL 4/5 buctn & crt Sunburst 120s 28.00 Dancy 100s 16.00-17.00 120s 17.50 150s 13.00-14.00 some 17.00 176s 12.00 180s 10.00-13.00 Honey 150s 22.00- 23.00 --- TEMPLES OFFERINGS INSUFFICIENT TO QUOTE

---APPLES STEADY REGULAR STORAGE ctn tray pack WA Red Delicious WAExFcy 80s 19.00 88s 22.00 100s 20.00 125-138s 19.00 one label 80-88s 24.00 100s 22.00 113s 21.00 USExFcy 72-80s 21.00-22.00 88s 18.50-22.00 100s 16.00-18.00 few 19.00 Golden Delicious WAExFcy 88s 22.00 100s 20.00-21.00 CA Granny Smith USFcy 88s 23.00 ctn cell pack NY US#1 McIntosh 80s 13.00 100s 11.50-12.00 120s 11.00 few 11.50 ctn 12-3 lb film bags 2-1/4" min NY McIntosh USFcy 11.00 US#1 9.00 ---APPLE-PEARS OFFERINGS INSUFFICIENT TO QUOTE ---APRICOTS CHILE 2-lry ctn Flaming Gold 88s few 14.00(CORRECTION FOR YESTERDAY'S:CASSLEBRITE 88S SHOULD HAVE READ FLAMING GOLD) --- AVOCADOS TOO FEW SALES TO QUOTE ---BANANAS IMPORTS ctn 40-lb 9.50 fair qual 8-8.50 film wrpd 9.50 Insti- tutional pack Petite 150s 12.00 --- BLACKBERRIES OFFERINGS INSUFFICIENT TO QUOTE ---BLUEBERRIES OFFERINGS INSUFFICIENT TO QUOTE ---CHERRIES CHILE 5-kilo ctn Bing no sz marked fair cond 10.00-12.00 ---COCONUTS DOMINICAN REPUBLIC sacks 40s few 14.00 ---CRANBERRIES NO OFFERINGS ---FIGS OFFERINGS INSUFFICIENT TO QUOTE --- GRAPES-TABLE STEADY CA 23-lb lug Red Globe sml 12.00 Emperor 10.50-11.00 Calmeria 7.00-8.00 occ 9.00 fair cond 4.00-5.00 21-lb lug film bags Ruby Seedless ord cond 5.00- 6.00 21-lb wrpd Emperor 15.00 20-lb lug wrpd Thompson Seedless 14.00 poor cond 1.00 20-lb lug film bags Thomson Seedless poor cond 1.00 Flame Seed- less fair cond 10.00-12.00 Ribier 12.00-13.00 Crimson Seedless 8.00-10.00 16-lb lug wrpd Thompson Seedless 14.00-16.00 ord cond 5.00-6.00 Italia 14.00 Emperer ord cond 3.00-4.00 film bags Thompson Seedless fair cond 10.00-12.00 poor cond 1.00 CHILE 18-lb lug wrpd Thomson Seedless few 28.00 Perlette 21.00-22.00 mos 22.00 Flame Seedless 25.00 few 26.00 --- KIWIFRUIT STEADY CA 1-lyr flat 36s 9.00 39s 8.50-9.00 NEW ZEALAND 1-lyr flat 36s 8.00 ---MANGOS TOO FEW SALES TO QUOTE ---NECTARINES CHILE 2-lyr ctn Mary Ann 72s 11.00-12.00 Arm King 50-56s 14.00 Queen Red 66s 14.00 ---PAPAYAS HAWAII ctn via air 10s 11.00 JAMAICA ctn 9-12s 9-9.50 ---PEACHES CHILE 2-lry lug Springcrest 70s 8.00 Merrill Gemfree 60s 10.00 ---PEARS STEADY OR 4/5 buctn wrpd US#1 Bosc 90s 29.00 110s 24.00 120s 20.00 D'Anjou 90s 23.00 100s 21.00 120s 18.50 135s 16.50 150s 14.50 165s 13.50 WA 4/5 buctn wrpd US#1 D'Anjou 90s 23.00 100s 22.00 110s 21.00 120s 19.00-20.00 135s 18.00 Bosc 120s 20.00 135s 19.00 150s 16.00 --- PERSIMMONS CA 1-lry flat Hachia 20s few 15.00-16.00 35s 7.00-8.00 --- PINEAPPLES HAWAII ctn via air 6s 12.00 ---PLUMS CHILE 2-lyr lug Red Beaut 98s 14.00 108s 7.00-8.00 --- POMEGRANATES OFFERINGS INSUFFICIENT TO QUOTE ---PRUNES NO OFFERINGS ---QUINCE NO OFFERINGS ---RASPBERRIES HIGHER CHILE Flats 12-6 oz film wrpd cups via air 22.00-23.00 ---STRAWBERRIES ABOUT STEADY FL flats 12-1 pt bkt med 9.00-10.00 one label 15.00 NEW ZEALAND flats 9-1 pt film wrpd cups via air 22.00

---CANTALOUPS ABOUT STEADY HONDURAS 1/2 ctn 9s 9.00 18s 12.00-13.00 DOMINICAN REPUBLIC 1/2 ctn 12-15s 14.00 GUATEMALA 1/2 ctn 15-18s 12.00 fair cond 5.00-10.00 18s 10.00 fair cond 5.00-9.00 --- HONEYDEWS ABOUT STEADY MEXICO 2/3 ctn 6s 8.00 8s fair qual & cond 3.00-4.00 GUATEMALA 2/3 ctn 5-6s 7-7.50 ECUADOR 2/3 ctn 6s 9.00 --- MISC MELONS GUATEMALA 2/3 ctn Mayan 5-6s 8.00-9.00 --- WATERMELONS OFFERINGS INSUFFICIENT TO QUOTE.

Philadelphia Potato & Onion

Tuesday, December 31, 1991

---ONIONS-DRY STEADY 50-lb sacks US#1 or generally good quality and condition Yellow unless otherwise stated ID-OR Spanish Hybrid type colossal 9.00 jumbo 7.50-8.00 mos 8.00 few 8.50 White jumbo 18.00 25-lb sks Red jumbo 7.50 med 6.00 CO Spanish Hybrid type jumbo fair qual 7.25-7.50 NY Globe type med 6.00-7.00 mos 6.00-6.50 25-lb sks Red jumbo 7.00-8.00 mos 8.00 med 4.50-5.50 mos 5.00 MI 25-lb sks Red lge 6.00 --- POTATOES STEADY 50-lb sacks US#1 size A washed or brushed unless otherwise stated ROUND WHITES NYLI 5.25-5.50 lge 5.50-6.00 mos 5.50-5.75 baled 5-10 lb paper sks 6.00-6.25 10-5 lb paper sks 7.00-7.25 ME 5.00 MA lge 5.50-6.00 CANADA Prince Edward Isle 5.50-6.00 Round Reds MN/ND 6.50 sz B 11.50-12.00 fair appear 9.50-10.50 WI 6.00 NY 5.00-6.00 sz B few 9.50 RUSSETS Norkotah 50-lb carton count unless otherwise stated ID Burbank 70s 11.00-11.50 mos 11.00 80s 10.50-11.50 mos 11.00 90s 8.00-9.00 100s 7.00-7.50 mos 7.00 WI 70-80s 7.00-8.00 90s 7.00 100s 6.00-6.50 120s 6.50 CO Norkotah 80s few 8.00 90s 7.00 100s 6.00-6.25 120s 6.00.

Leinbach's Shippensburg Produce Auction

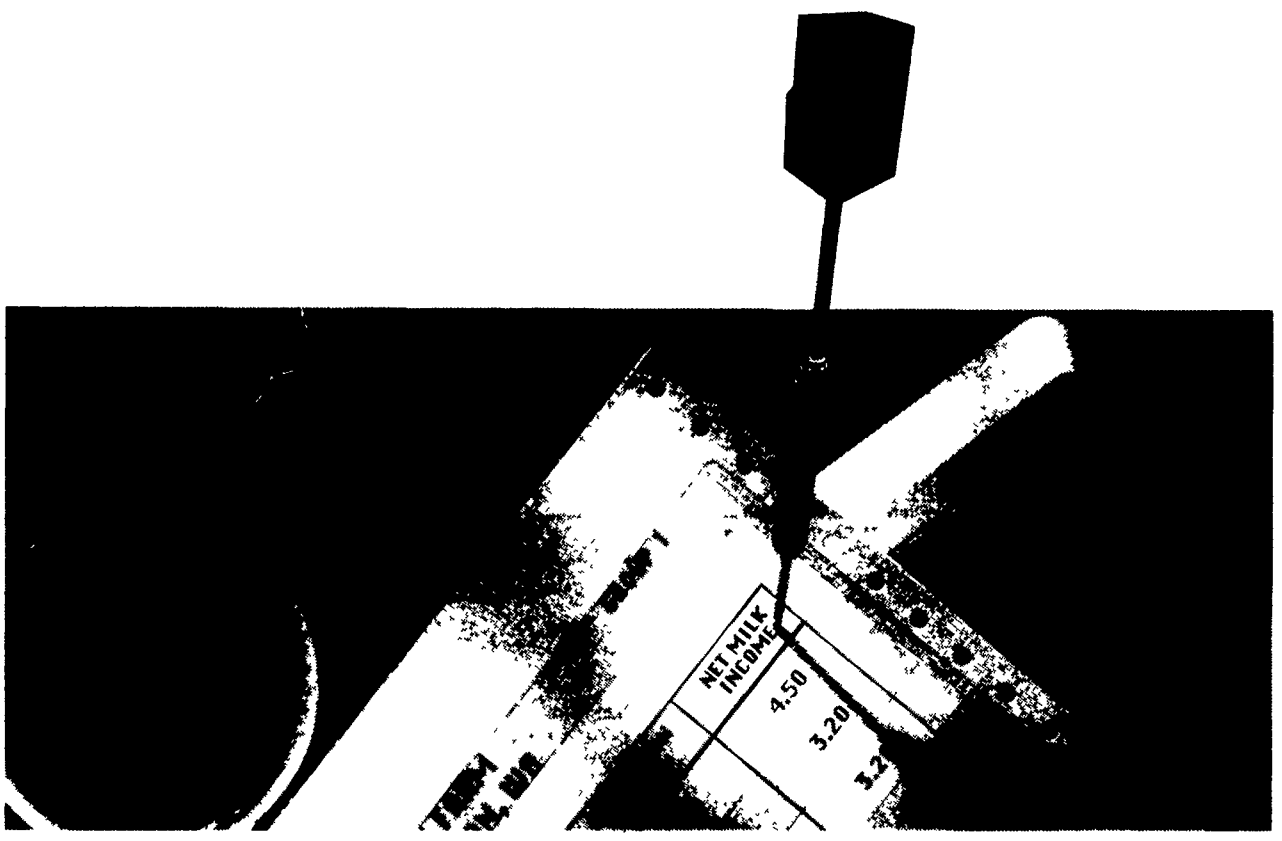
(717)532-5511
Shippensburg, PA
Average Prices Of #1 Produce
December 28 and 31
Open 11 a.m. Tues. and Sat.
Report Supplied by Auction

APPLES: WINTER 3.00-5.25 ½ BU.
CIDER: .80-1.40 GAL.
SWEET POTATOES: 3.00-4.50 ½ BU.
TURNIPS: 3.00-4.25 ½ BU.
POTATOES: 50 LBS. 4.50-5.50; 20 LBS. 2.00-2.25.
TOMATOES: 7.00-11.00 25 LBS.
ORANGES: 8.00-13.00 4/5 BU.
GRAPEFRUIT: 7.00-10.00 4/5 BU.

Shenandoah Valley Livestock

Harrisonburg, Va.
December 28, 1991
Report supplied by auction

STEERS: M&L-1 300-500 LBS. 92.00-96.00; 500-700 LBS. 84.00-88.00; 700-1000 LBS. 70.00-81.00.
FEEDER BULLS: M&L-1 500-700 LBS. 77.00 AND DOWN.
HEIFERS: M&L-1 300-500 LBS. 66.00-76.00; 500-700 LBS. 64.00-69.50; 700-1000 LBS. 60.00-62.00.
STOCK COWS: BEEF UP TO 890.00 WITH CALF; BABY CALVES 90.00-148.00 HEAD; BY WEIGHT 122.00-135.00.
SLAUGHTER COWS: UTILITY AND COMMERCIAL 2-4 43.75-50.25; CANNER & CUTTERS 1-3 34.00-43.00; SLAUGHTER BULLS: 1&2 55.00-60.25.
LAMBS: BLUE O HIGH CHOICE & PRIME 50.00, BUCKS 49.00; RED O CHOICE 48.50; FEEDER LAMBS CHOICE 42.00-51.00; SLAUGHTER EWES 20.00-25.00; HEAD EWES 31.00-39.00 HEAD.
HOGS: BUTCHER HOGS 45.00; SOWS 1-3 39.00-42.00; BOARS 16.00.
SLAUGHTER CALVES: GOOD AND CHOICE UP TO 72.00.



There's a better way to manage your herd.

Take the guesswork out with the revolutionary Flo-Master™ milk meter.

In these uncertain times, precise herd management is more important than ever. And if you're still using a milk meter that measures production by volume and not weight, an alarming amount of your profit could be slipping through the cracks.

The De Laval® Flo-Master™ 2000 is the first in-line meter that actually weighs the milk each cow is producing. And that means you're sure to get the accurate information you need to make the most effective management decisions, with no inflated production figures due to foam and other factors.

Ask your independent De Laval dealer about the first-of-its-kind Flo-Master 2000 today. And learn how easy it is to ensure every decision you make for your herd will be right on target.

J.B. Zimmerman & Sons, Inc.
P.O. Box 337, Lancaster County
Blue Ball, PA 17506
717-354-4955

Erb and Henry Equipment, Inc.
22-26 Henry Avenue
New Berlinville, PA 19545
215-367-2169

Franklin Hess Est., Inc.
Rt 2, Box 130
Orangeville, PA 17859
717-925-6939

I. G. Sales
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Silverdale, PA 18962
215-257-5135

Witmer Implement Service
1896 Bedford Rd.
Shippensburg, PA 17257
717-532-6139

Potomac Valley Supply
Route 2, Box 326D
Hagerstown, MD 21740
301-223-6877

Bennett Machine Company
1601 So. Dupont Blvd
Milford, DE 19963
302-422-4837

Tri-County Dairy Equipment, Inc.
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301-374-6616

Peoples Sales and Service
Oakland Mills, PA 17076
717-463-2735
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H.B. Duvall, Inc.
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Frederick, MD 21701
301-662-1125
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DE LAVAL

The world's largest dairy supplier is right next door.
Alfa-Laval Agri, Inc. • Kansas City, Missouri

HOOVER'S HAY AUCTION
2nd & 4th Fridays Of Each Month
12 Noon
Located in Dauphin Co., 1 mile east of Gratz, along Rt. 25.
Gerald Hoover,
#AU-002794L
717-365-3803

You May Have To Look For Us But It Will Be Worth Your While!

VISIT US A PA FARM

Booth #'s 50-5

See Our New 10'x

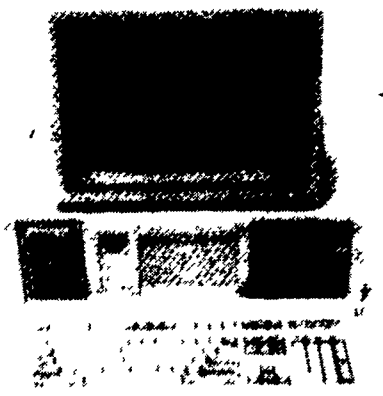
Whether You Milk In A Parlor Or A Stanchion Barn

DAIRYPLAN 4

Complete Herd Management Computerized System

Westfalia Dairyplan is management controlled phase feeding of concentrates to each individual cow.

Dairyplan communicates directly with Westfalia Metatron Milk Meters to and from the parlor.



Central Computer with optional terminal and modem will help you manage your entire dairy.

Westfalia Dairyplan allows you to design your reports the way you want them.

MILK METER

Easy To Learn, Profitable To Use!

If your question is how to get more milk and profit per cow... This system provides your answer!

DHIA approved. This cowside easy to read micro-processor provides the information you need. Total milk yield, maximum milk flow, average milk flow and milking time.

Give Your Dairy The Westfalia Advantage With Dairy Plan Software Program

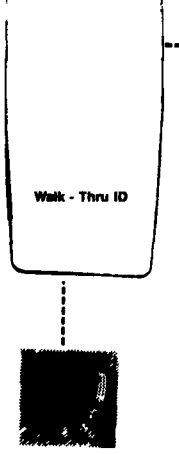
Your Head Start Toward Better Management & Profits!

Each cow has her own coded comfort collar for easy identification. The durable stainless steel feed stall with "fast eating" mangers has the identifier and feed inlet. Feeds 30 to 2,000 cows!

Feeding, Milking, Breeding, Herd Health And Vet Information Is Recorded And Processed for Daily Management And Decision Making

MILK METERS, FEED STALLS, AUTOMATIC IDENTIFICATION ALL TIED INTO A PC COMPUTER FOR A COMPLETE INTEGRATED SYSTEM!

WALK-THRU ID SY



MANAGEME BY E

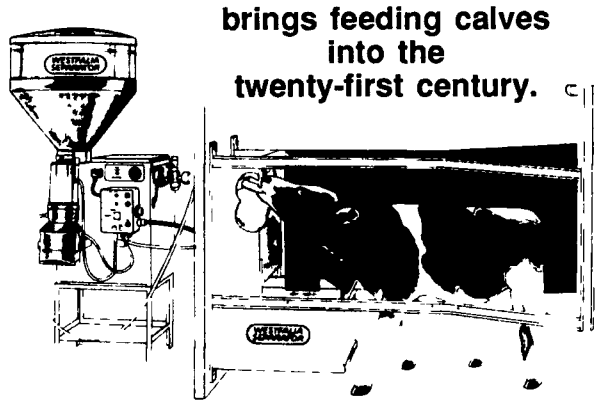
Sophisticated te ology th can be connecte o the W with Dairy Plan an integ The system will tomatica is off milk after ster rem ed, the cow sid ntrol bo observations of for he needs. This pro s early possible health blems, a centrate on indi al cows

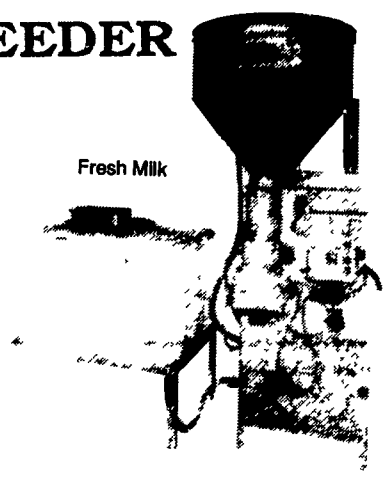
ID SYSTEM

Westfalia provide a unique system, activate by a cod collar which ide es the c The Walk-Thru can be r the herringbone or a p individual cows they wal

WESTFALIA'S CALF FEEDER

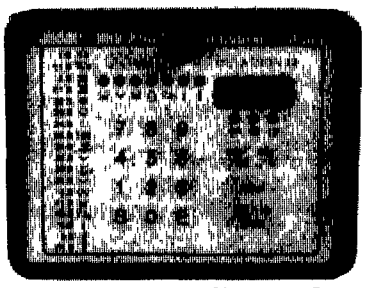
brings feeding calves into the twenty-first century.





Biologically exact portions of freshly mixed milk replacer are available at any time of the day or night, when the calf is hungry. The calf-feeder attached to Dairy Plan feeds the calves automatically exactly what they need. The portions are always freshly stirred and at a constant temperature. This easy-to-clean calf feeder is operationally reliable, easy to use and easy to maintain.

METATRON Will Make You Mil



Metatron Control

Westfalia's Metatron ives y the edge in effectiv econo cal herd management his DH cowside milk meter ovides individual cow milkin for in- information of milk pro ed, ma milk flow and milking e is al Aids you to better man each i

The Metatron Milk Meter is transparent for visible operation and designed to take years of use. The unrestricted, full 1" milk outlet takes into account all air flow and milk flow requirements for high producing dairy cows of today and tomorrow. It's convenient, too, and can be on line mounted, or remotely mounted out of the operator's way.

WESTFALIA

WESTFALIA *"Leading The Way For Leading Dairy*

US AT THE RM SHOW!

s 30-561-562-563

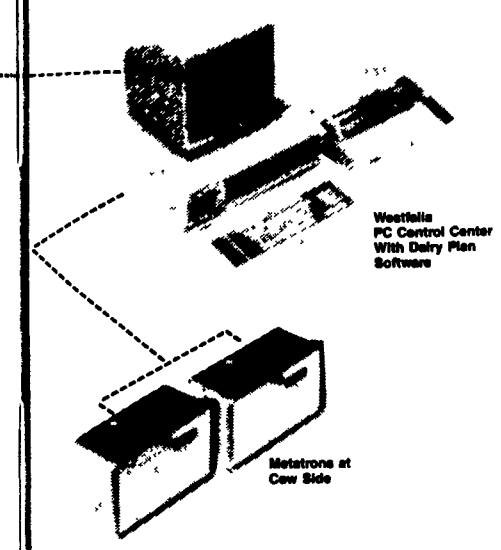
w 10'x40' Location!

See Westfalia's New Integrated 4.1 Dairy Plan Management System - Everything Will Be Operational!

WESTFALIA HIGH-TECH DAIRYING

ESTFALIA HAS A HIGH-TECH MILKING SYSTEM FOR YOU!

LK-THRU AUTOMATIC D SYSTEM



GEME BY EXCEPTION

cated te ology that's simple to use, Metatron connecte o the Westfalia PC Operating System y Plan an integrated management program. em will omatically notify the operator if a cow k after ster removal. Once a cow ID is enter- cow sid ntrol box automatically signals for ions of for heat, do not milk, or health code his pro s early and economical detection of health lems, allowing the operator to con- on indi al cows.

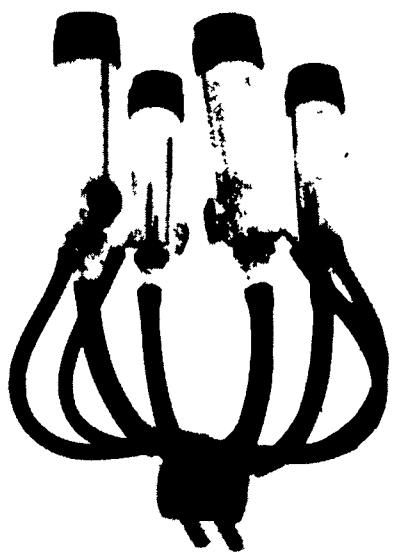
STEM

provid a unique Walk-Thru identification activated a coded unit on the cow's comfort ich ide s the cow to a particular ID number. k-Thru can be mounted at the entrance of ngbone ll or a parallel stall to identify l cows hey walk through.

You Milking System Complete!

tatron ives you ffectiv economi- jement. his DHIA and USDA approved meter ovides milk metering on an milkin for in-parlor evaluation. Vital ilk pro d, maximum milk flow, average ilking e is also available at cowside. er man each individual cow.

Metatron Milk Meter



Westfalia's BIO-MILKER

It's Something Else!

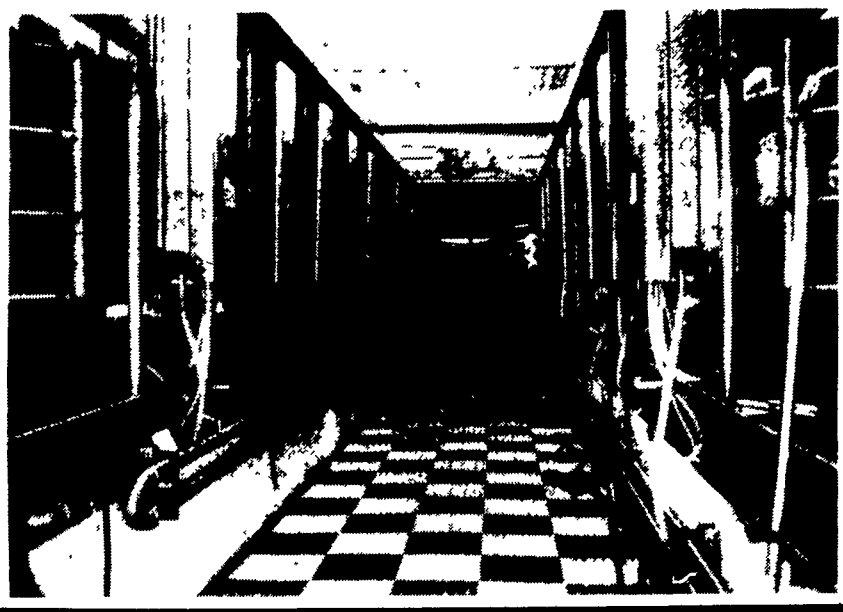
The Bio-Milker Multiplies Your Profits - It's The Best Way To Better Milking!

Specially designed to regulate your milking operation, this positive pulsed air bleed milker assures harmony between udder and cluster. Milks with lower vacuum levels even in stanchion barns with a high milk line.

- ❒ Healthier Udders
- ❒ Reduced Milking Times
- ❒ Superior Milking Out
- ❒ High Milk Yield
- ❒ Reduced Cell Count
- ❒ Longer Productive Life Of The Cow
- ❒ Increased Profitability In The Shed

WESTFALIA TAKEOFF ARM

- ❒ Precise electronic milk flow monitoring for accurate and dependable takeoff
- ❒ Built-in Milk Meter displays milk produced



- ❒ Can be tied to a Westfalia PC System and ID System for further management control
  - Red light easily visible from any point in the parlor to commun ate needed information to the dairyman
- ❒ All SS control, arms, chain, and hardware for maximum life
- ❒ Counter balanced arm keeps milker supported under cow for less fall-offs. In case of a fall-off it keeps the milker out of the manure
- ❒ Maximum strength SS arms and rubber shock absorber take cow punishment
- ❒ Will work with Westfalia Stimulator pulsator or backflush systems

Westfalia Milking Equipment And Computer Sales Centers

WESTFALIA SALES ENGINEERS

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Robert E. Turner
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717-880-2587

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216-388-3570

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John Baker 814-623-2113

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WESTFALIA SYSTEMAT

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WINTER ROAD DIESEL SERVICE
Tim Stoltzfus
Ans. Service
717-725-3890

PARADISE, PA
Lloyd Ranck
717-687-6361

g airymen" HIGH TECH DAIRYING

Estimated Daily Livestock Slaughter

Under Federal Inspection
December 31, 1991

	CATTLE	CALVES	HOGS	SHEEP
TUES., 12/31/91 (EST)	101,000	7,000	303,000	23,000
WEEK AGO (EST)	40,000	3,000	187,000	18,000
YEAR AGO (ACT)	0	0	1,0000	0
WEEK TO DATE (EST)	224,000	13,000	643,000	41,000
SAME PD LT WK (EST)	162,000	8,000	526,000	38,000
SAME PD LT YR (ACT)	77,000	6,000	246,000	14,000

Friend's Stockyard Inc.

Accident, Md. 21520
December 30, 1991

STOCK BULLS AND STEERS (200-500 LBS.) 70.00-84.00.

STOCK HEIFERS 60.00-72.50.

SLAUGHTER STEERS GOOD TO CHOICE 66.00-69.50; MEDIUM TO GOOD 62.00-65.50; HEAVY CHOICE OVER 1450 LBS. 61.00-64.75.

HOLSTEIN STEERS HEAVY 55.00-60.50; LIGHT 50.00-64.00.

SLAUGHTER HEIFERS GOOD TO CHOICE 64.50-68.50; MEDIUM TO GOOD 55.50-63.75.

BULLS HEAVY 55.00-64.25; LIGHT 50.00-58.50.

COWS FEW HIGH DRESSING 47.00-53.50; UTILITY HOLSTEIN 47.00-41.75, CANNERS 43.00-47.75, COMMERCIAL TO GOOD 41.00-45.00, CULL COWS 40.00 AND DOWN.

VEALS GOOD TO CHOICE 75.00-90.00, MEDIUM TO GOOD 66.00-74.00.

BOB CALVES 50.00 AND DOWN.

HOLSTEIN BULL CALVES, RETURN TO FARM (90-120 LBS.) 125.00-167.00.

HOLSTEIN HEIFER CALVES, RETURN TO FARM (100-120 LBS.) 100.00-142.00.

FEW INDIVIDUAL HOGS 39.00-42.00.

HOGS TOP QUALITY 37.00-39.00, HEAVY 35.00-37.00, LIGHT 32.00-35.00.

SOWS 24.00-28.00.

MALE HOGS: 20.00-24.00.

LAMBS: 40.00-45.00.

LIVESTOCK PRICES ARE ALL GIVEN PER HUNDREDWEIGHT!

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, December 30, 1991
REPORT SUPPLIED BY AUCTION

261 HEAD; MARKET STEADY.

DRIVING HORSES 485.00-825.00.

RIDING HORSES 490.00-800.00.

REGISTERED HORSES 765.00-925.00.

MARE PONIES 55.00-250.00.

PONY COLTS 45.00-100.00.

GELDINGS 55.00-250.00.

LARGER PONIES 310.00-400.00.

HEAVYWEIGHT KILLERS 630.00-800.00.

LIGHTWEIGHT KILLERS 435.00-540.00.

THIN 85.00-355.00.

WORK SINGLES 770.00-960.00, PAIRS 1775.00-2500.00.

HORSE COLTS 130.00-465.00.

Peoria Cattle

Peoria, Illinois
Thursday, January 2, 1992

FEDERAL-STATE CATTLE WEEKLY TRADING MODERATE. COMPARED WITH LAST MONDAY'S LIMITED RECEIPTS SLAUGHTER STEERS AND HEIFERS 2.00 TO 2.50 HIGHER. LARGE PERCENTAGE OF CATTLE CARRYING EXCESS AMOUNTS OF MUD. SLAUGHTER COWS AND BULLS FULLY STEADY. SUPPLY MAINLY SELECT TO AVERAGE CHOICE SLAUGHTER STEERS AND HEIFERS WITH ABOUT 10% COWS.

RECEIPTS THIS WEEK: ABOUT 700 AS COMPARED WITH 420 A WEEK AGO AND 651 A YEAR AGO.

SLAUGHTER STEERS: CHOICE 2-4 1050-1350 LBS. 66.00-68.00 LOAD 1165 LBS. 68.50 MIXED SELECT & CHOICE 2-3 1000-1300 LBS. 63.50-66.00 SELECT 2-3 950-1200 LBS. 60.50-63.50.

HOLSTEIN STEERS: MIXED SELECT & CHOICE 2-3 1100-1350 LBS. 58.00-60.50.

SLAUGHTER HEIFERS: CHOICE 2-4 950-1200 LBS. 65.00-67.00 LOAD 1175 LBS. 67.50 MIXED SELECT & CHOICE 2-3 900-1100 LBS. 62.00-65.00 SELECT 2-3 800-1100 LBS. 59.50-62.00.

COWS: BREAKING UTILITY & COMMERCIAL 2-4 40.00-44.00 CUTTER & BONING UTILITY 2-3 43.00-48.00 FEW HIGH DRESSING 49.00-52.00 CANNER & LOW DRESSING CUTTER 1-2 34.00-38.00.

BULLS: YG 1-2 1050-2200 LBS. 52.00-64.50.

DUE TO THE CLOSING OF THE MARKET NEWS OFFICE AT THE PEORIA UNION STOCKAYRDS THIS REPORT WILL NO LONGER BE AVAILABLE AFTER JANUARY 15, 1992.

New Holland Dairy

New Holland Sales Stables
Wednesday, January 1, 1992
Report supplied by auction

DAIRY COW RECEIPTS 104; HEIFERS 92 AND BULLS 6. MARKET STRONGER.

FROM PENNSYLVANIA FRESH 1150.00-1175.00, SPRINGERS 1060.00-1150.00.

FROM PERRY COUNTY FRESH 1075.00-1375.00.

PA FRESH 625.00-1250.00.

FROM OHIO FRESH 625.00-1350.00.

PA FRESH PUREBRED 1400.00-1800.00, FRESH 875.00-1300.00.

LOCAL CONSIGNED COWS FRESH 600.00-1175.00, BETTER FRESH 1375.00-1500.00.

SPRINGING HEIFERS 975.00-1150.00.

PUREBRED HEIFERS 1000.00-1175.00.

SHORTBRED HEIFERS 685.00-1000.00.

OPEN BREEDING-AGE HEIFERS 530.00-610.00.

SMALL OPEN HEIFERS 260.00-450.00.

VACCINATED HEIFERS BRING A PREMIUM.

BULLS SOLD 535.00-790.00.

Isennock Auction

New Park, PA
December 30, 1991
Report supplied by auction

SLAUGHTER COWS: 50.75 & DOWN.

FARM CALVES: 120-130 LBS. 120.00-123.00; 105-115 LBS. 100.00-140.00; 95-100 LBS. 97.00-130.00; 85-90 LBS. 70.00-87.00; WEAK AND ROUGH 80.00 AND DOWN.

HEIFER CALVES: 90-125 LBS. 100.00-130.00; OTHERS 75.00 AND DOWN.

SOWS: 430-440 LBS. 28.00-29.00; 285-345 LBS. 30.00-31.50.

HOGS: 175-215 LBS. 30.00-33.00.

GOATS: MEDIUM 32.00 HEAD.

North Jersey Livestock

Hackettstown, NJ
Tuesday, December 30, 1991
Report supplied by auction

CALVES .30-1.70.
COWS .39¾ -51¾ .
EASY COWS .10-.45.
HEIFERS .44¾ -.63.
BULLS .52-.64¾ .
STEERS .55-.69.
HOGS .25-.37.
ROASTING PIGS 23.00-63.00 EACH.
BOAR .17.
SHEEP .16-.46.
LAMBS EACH 8.00-70.00.
LAMBS PER LB. .11-.80.
GOATS EACH 35.00-124.00.
KIDS EACH 8.00-69.00.
TOTAL 1436.

? QUESTIONS?
USE THIS PROBLEM SOLVER

WITH DRAG AUGER FEEDERS			WITH BIG DUTCHMAN CHAIN FEEDERS
PROBLEM	CAUSES	SUGGESTED SOLUTIONS	
System Stalls	Bad braze Kinked auger Feed level too high Too many feed cycles	File or grind excess braze Cut out kink and re-braze Lower feed level Delete a feed cycle	Chain never needs brazing Chain does not kink Chain runs at high or low levels of feed
System runs, stops then reverses	Foreign object in trough Bad braze at drive	Find and remove object Make sure feed cleaner is working Determine drive and repair	Chain virtually is unaffected by foreign objects. Feed cleaner is unnecessary and system cannot run backwards.
Feed on floor at row ends	Elbows worn through again	Cut auger, remove elbows and couplers, replace and re assemble	Chain feeders have no elbows to wear out.
Feed line is not running	Failed motor	Determine which motor(s) out of the four are bad, replace and reset.	Only one motor per feed line.
Auger jumped out of trough (and is wound all over the walk ways).	Auger broke	Gather a welding torch and grinder. Replace auger in trough. and braze. Be careful not to. stretch auger.	If chain breaks, it is easily repaired with a hammer and chain breaker. Chain does not stretch.
Too many smaller sized eggs	Birds not getting enough feed	Add yet another feed cycle. (May require at least 8 per day.)	Chain feeders provide 2½ times more feed space than drag auger feeders allowing it to be run as few as 3 times per day.
Too many cracks	Feeder runs too often causing excess bird movement in the cage during laying periods.	Delete feeding during laying period. (Beware that reduction may result in smaller eggs.)	More feed space allows less feeding cycles, which means you don't have to feed during laying period.
Wasted feed in the walk ways	Feed trough lip is not high enough	No solution	Big Dutchman has high-lip trough.

DON'T PUT UP WITH PROBLEMS!
BUY BIG DUTCHMAN

HERSHEY EQUIPMENT COMPANY, INC.
255 PLANE TREE DRIVE
LANCASTER, PA 17603
(717) 393-5807

Big Dutchman®
"a step ahead"

WANTED
For Stealing Feedlot Profits

'Shifty Starling'

'Blackie Blackbird'

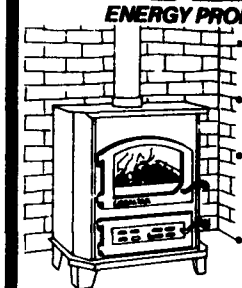
Avitrol treated grain baits have been proven successful year after year in removing pest birds from feedlots.

REWARD...AVITROL

HESS AGRI MARKETING
218 Rockpoint Road
Marietta, PA 17547
(717) 426-3135

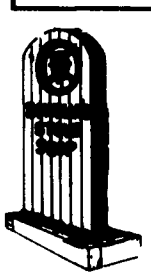
EPA Approved
RESTRICTED USE PESTICIDE
Avitrol CORPORATION

GIBRALTAR®
ENERGY PRODUCTS



- Coal Burning
- 15 yr. Warranty
- 600 lbs. of Steel & Cast Iron
- Made in The U.S.A.

- Wood & Coal Stoves
- Fireplace Accessories
- Ducane Gas Grills



Bowman's Stove Shop
(717) 733-4973
906 E. Main Street
Ephrata • Rt. 322
(1 M. E. of Rt. 222)

Mon., Tues. & Wed. 10-6 Th. & Fri. 10-8 Sat. 10-4

Frederick Livestock Auction

Frederick, Md.
Monday, December 30, 1991
Report Supplied by Auction

SLAUGHTER COWS: 127 HEAD, 1.50 LOWER. UTILITY 45.00-48, FEW TO 49.75; CANNERS 42.00-46.00; SHELLY 42.00 DOWN.

BULLS: FEW OFFERED. STANDARD 1100-1300 LBS. 53.00-55.00.

FED STEERS: LOW CHOICE 1100-1225 LBS. 63.75-65.25; SELECT 55.00-61.00.

FED HEIFERS: NONE.

VEAL CALVES: CHOICE 200-300 LBS. 85.00-90.00; GOOD 70.00-84.00; CULLS 85-110 LBS. 45.00-53.00; 50-80 LBS. 40.00-50.00; WEAK/ROUGH 40.00 DOWN.

FARM CALVES: GOOD DEMAND. HOLSTEINS BULLS TO 155.00; BULK #1 95-125 LBS. 130.00-148.00; #2 90-110 LBS. 100.00-130.00; 80-85 LBS. 55.00-85.00; HOLSTEIN HEIFERS 95-125 LBS. 130.00-157.00; 80-90 LBS. 75.00-120.00; BEEF X BULLS AND HEIFERS 80-.00-137.00.

BUTCHER HOGS: LIGHT RUN. US#1&2 2 HD. 252 LBS. AT 41.50; 215-260 LBS. #1&3 38.00-39.50.

SOWS: 2 HD. OFFERED. 1 365 LB. AT 33.50; 1 460 LB. AT 28.00.

BOARS: 500-600 LBS. 21.00-22.00.

STOCK CATTLE: STEERS 300-400 LBS. 79.00-88.00; 400-600 LBS. 64.00-74.00.

HEIFERS: FEW OFFERED.

BULLS: 1 400 LB. AT 75.00; HOLSTEIN 400-600 LBS. 53.00-57.00.

SHEEP: 2 AT 25.00.

GOATS: MEDIUM 37.00-46.00.

PIGS AND SHOATS: 46 HEAD. BY THE HEAD 1 LOT 20 LBS. AT 17.00; FEW 45 LBS. 22.00-29.00; 8 HD. 68 LBS. AT 36.00; 13 HEAD 90 LBS. AT 40.00; BY THE POUND, 5 HD. 71 LBS. AT 50.00.

Leesport Livestock Auction

Leesport, Pa.
Wednesday, January 1, 1992
Report Supplied by Auction

CATTLE 162...Report supplied by auction... Supply included 9 feeder cattle and 57 sl. steers and heifers ...Compared with last weeks market: Choice 2-3 sl. steers 68.25-71.00, Select and Low Choice 63.00-68.50, Select 63.00-66.00; Choice Holsteins 58.00-62.00, Select 53.00-57.25. Choice sl. heifers 65.50-69.50, Select 61.00-65.00. Breaking Utility and Commercial sl. cows 46.25-50.00, Cutter and Boning Utility 44.75-49.50, Canner & low Cutter 39.75-45.00. Few Choice 1300/1375 lbs. sl. bullocks 70.25-70.50. Yield Grade No. 1, 1300/1770 lbs. sl. bulls 62.00-64.50, No. 2, 915/1255 lbs. 58.00-61.75. Feeder Cattle: Few Medium Frame No. 1, 543/727 lbs. steers 72.00-76.50.

CALVES 171...Few Choice 150/205 lbs. vealers 112.00-120.00, Good 70.0-85.00, Standard and Good 50/90 lbs. 40.00-65.00. Farm Calves: No. 1, Holstein Bulls 80/120 lbs. 110.00-155.00, bulk 140.00-150.00, No. 2, 80/110 lbs. 80.00-120.00, No. 1, Hol. Heifers 95/120 lbs. 160.00-190.00.

HOGS 157...BARROWS & GILTS: US No. 1-3 219/254 lbs. 36.00-37.85, lot 266 lbs. 34.50. SOWS: US No. 1-3 under 500 lbs. sows 26.50-28.00, over 500 lbs. 27.00-29.50. Boars 21.00-21.50.

FEEDER PIGS 360...US No. 1-3 20/32 lbs. feeder pigs 87.00-120.00, 35/55 lbs. 60.00-77.00. - per head.

SHEEP 8...Choice 165 lbs. wool lambs 50.00. Few Slaughter sheep 24.00-35.00. - all Cwt.

GOATS 13...Large 50.00-65.00, Medium 26.00-40.00, --- all per head.

Valley Stockyards

Athens, Pa.
Monday, December 30, 1991
Report supplied by auction

HOLSTEIN HEIFER CALVES TO 150.00.

VEAL CALVES, NO MKT. TEST.

VEALER BULL CALVES 125.00-155.00.

SLAUGHTER CALVES 70.00 AND DOWN.

GRASSERS & FEEDERS 40.00-60.00.

LAMBS BABIES TO 87.50.

WOOLED LAMBS TO 50.00.

SHEEP 14.00-30.00.

HOGS 200-250 LBS. 38.00-40.50.

SOWS 22.00-30.00.

BOARS 20.00-24.00.

PIGS EACH. 15.00-28.00.

HEIFERS 46.00-54.00.

MEDIUM STEERS 45.00-55.00.

FEEDER STEERS 50.00-70.00.

BULLS 46.00-59.00.

GOOD COWS 46.00-48.00, FEW AT 50.00.

COWS MEDIUM 38.00-44.00.

COWS POOR OR SMALL 38.00 AND DOWN.

GOATS TO 57.50.

CATTLE AND CALF MARKET STEADY; EXPECT MARKET TO BE STEADY FOR NEXT WEEK.

Delmarva Broiler-Fryer Market

Tuesday, December 31, 1991

DELMARVA BROILER/FRYER MARKET. FEDERAL-STATE: Movement of ready-to-cook broiler fryers was good to very good. Supplies were in close balance to instances short of needs. Less than trucklot asking prices were higher at 46-60 cents. Live supplies were in close balance with needs. Average live weights were desirable to heavy. Processing schedules were very light as most plants took New Year's day off. Trade sentiment was fully steady to firm. In the parts complex all items were in very close balance to instances short of needs.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000).

ESTIMATED ACTUAL AVG. WEIGHT ACTUAL AVG. WEIGHT
12/31 12/27 12/27 12/24 12/20 1,729 2,322
4.78 915 4.61.

BROILER/FRYER CURRENT NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA.

BRANDED U.S. GRADE A RANGE 45-60 WEIGHTED AVERAGE 51.57 NO. OF BOXES 13,282.

Greencastle Feeder Pig Sale

Dec. 28, 1991

897 HEAD. GOOD DEMAND WITH STRONG PRICES.

GRADES 1 & 2 - 33 HEAD 25-38 LBS. 80.00-121.00; 212 HEAD 40-49 LBS. 72.00-90.00; 138 HEAD 50-59 LBS. 72.00-83.00; 143 HEAD 60-69 LBS. 70.00-79.00; 74 HEAD 70 LBS. AND UP 68.00-75.00; 50 HEAD FANCY 98 LBS. 75.50.

GRADE 2 - 28 HEAD 23-39 LBS. 91.00-110.00; 74 HEAD 40-49 LBS. 59.00-77.00; 28 HEAD 50-59 LBS. 62.50-79.00; 29 HEAD 60-69 LBS. 55.00-64.50; 12 HEAD 70-79 LBS. 60.00-66.00; 23 HEAD 80 LBS. AND UP 59.00-69.00.

GRADES 2 & 3: 30.00-57.00.

BOARS 40.00-67.00.

NEXT FEEDER PIG SALE AT GREENCASTLE JAN. 25, 1992. PIGS WEIGHED ON ARRIVAL.

Belleville Livestock Auction

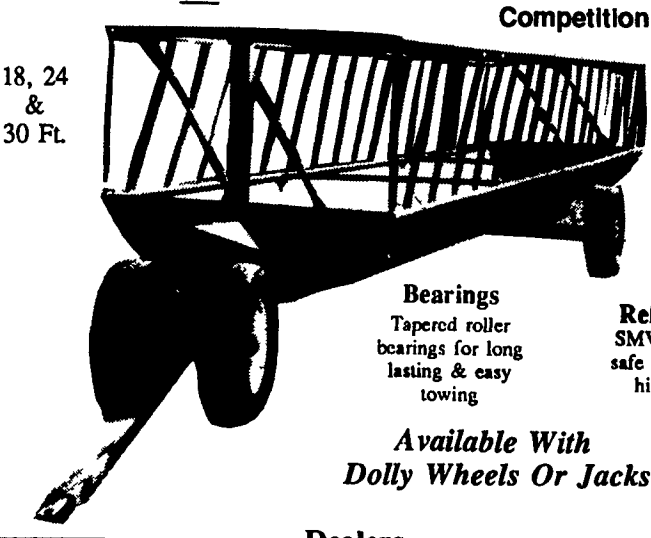
Belleville, Pa.
Wednesday, January 1, 1992
Report Supplied by PDA

NO SALE WEDNESDAY, DECEMBER 25, 1991, DUE TO HOLIDAY!

SALE NOT REPORTED WEDNESDAY, JANUARY 1, 1992!

EXTRA HEAVY DUTY
ALL-PURPOSE FEED TRAILER
11 Gauge All-NEW Metal Construction: 12% Heavier Than Competition

18, 24 & 30 Ft.



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GAYWINDS TRAILER & EQUIP. SALES
Keymar, MD
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TIM REINFORD
Cumberland Co., PA
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AUKER AG PRODUCTS
Oakland Mills, PA
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THOMAS BACHMAN
Fallston, MD
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557-7529

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PARTS VALUE OF THE MONTH

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case ih

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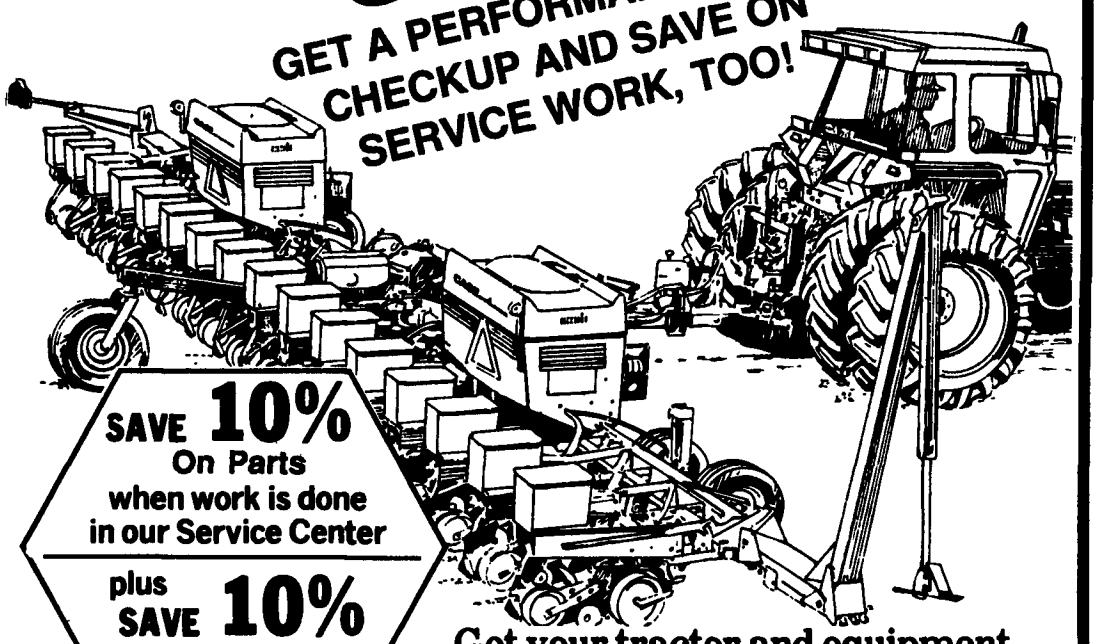

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plus SAVE 10% on labor

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Ph. 717-687-0990

FIRST TYPE 609 SALE OF THE NEW YEAR
MONDAY, JAN. 6 - 10 a.m.
NEXT SALE WED., JAN. 8 & FRI., JAN. 10
At 10 A.M.

Please call and schedule your tobacco either to be picked up and/or when you plan to deliver. Receiving tobacco Tuesday, Thursday, Saturday & morning of sales until 10 a.m.

Ask for Mitch White About Trucking!
3 Or 4 Trucks Available.

You need to color grade your tobacco. We want to present an honest neat package. Careful on moisture!

3 Compartment bale box on stock for lease or sale. Lathe holders for sale. If you need a representative to visit you, please call.

Farmers! If you really want to sell your tobacco privately, we will bid on all grades of your tobacco at the Paradise door! Not just the cream of the crop!

**SPECIAL NOTE: All warehouse tobacco inventory has been sold!

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717-687-0990

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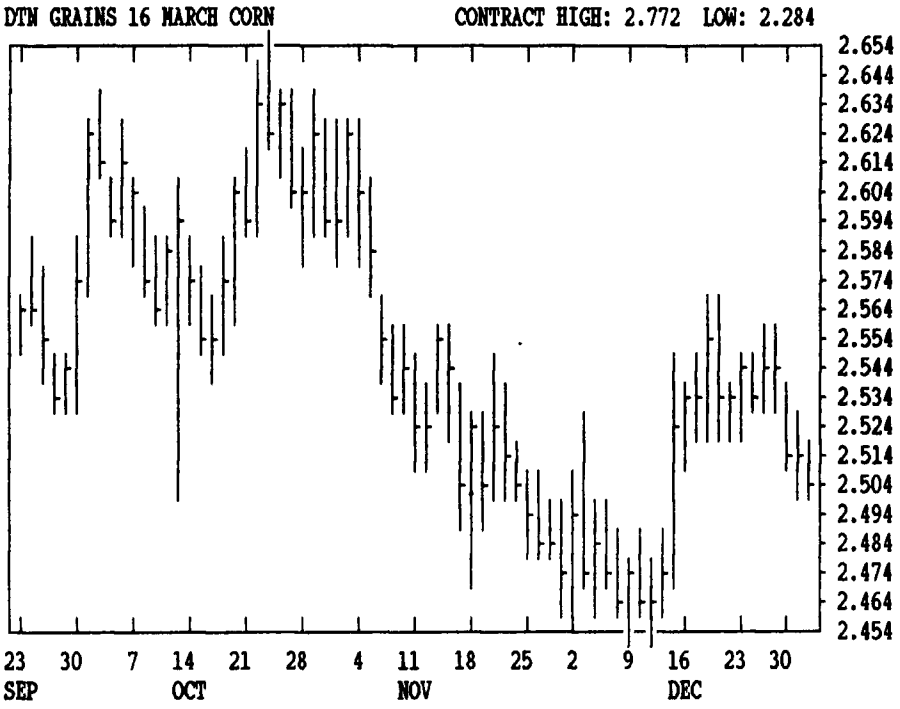
OUR BIGGEST CONCERN IS YOUR TOBACCO MARKET!

GRAIN, CATTLE AND HOG FUTURES MARKETS

From DTN farmer satellite daily update. Service phone: (717) 731-1520

(Closing bids: Thursday, January 2)

DTN GRAINS 16 MARCH CORN — CONTRACT HIGH: 2.772 LOW: 2.284



DTN FUTURES 10 01/02/92 — TECHNICAL POINTS

PRICES ARE DECIMAL

CONTRACT	CLOSE	MOVING AVERAGES 4-DAY	9-DAY	18-DAY	45-DAY	RSI'S 9DAY	14DAY	30DAY	SLOW STOCHASTIC 5 DAY %K	%D	20 DAY %K	%D
WHEAT MAR	400.75	402.00	399.19	390.83	373.17	62.4	64.1	64.3	52	70	91	95
WHEAT JLY	340.50	340.69	339.61	335.40	328.34	63.4	62.7	60.4	52	68	85	90
KC WHT MAR	400.50	401.25	398.53	391.47	375.72	65.4	66.3	65.8	58	74	93	96
KC WHT JLY	345.25	342.50	342.22	339.39	334.74	67.1	63.3	60.0	62	58	69	66
MN WHT MAR	387.25	387.12	384.58	377.24	360.85	68.2	68.3	66.2	58	71	92	96
CORN MAR	250.50	252.00	253.50	251.36	252.80	42.2	45.3	47.8	9	26	65	75
CORN JLY	261.25	262.62	263.97	262.17	263.82	42.4	45.1	48.6	11	30	60	70
OATS MAR	136.50	137.37	137.67	136.61	136.99	47.5	48.8	48.8	31	49	68	79
BEANS JAN	549.50	554.81	557.69	554.50	558.52	40.2	43.1	45.9	9	35	55	67
BEANS JLY	564.75	571.50	575.39	573.85	579.41	36.1	39.5	44.3	12	34	41	57
BEANS NOV	574.50	581.37	584.25	582.36	573.07	39.8	45.3	50.0	13	35	45	66
MEAL JAN	172.10	174.27	174.39	172.13	175.71	44.2	45.0	46.1	13	43	73	73
SB OIL JAN	18.40	18.55	18.90	19.10	19.17	30.2	35.4	41.6	6	8	7	22
CATTLE FEB	72.55	71.86	71.09	72.11	73.63	55.3	49.8	46.7	96	89	46	31
CATTLE APR	73.27	72.75	72.23	72.95	73.88	54.6	50.3	47.5	92	85	48	35
FEEDER JAN	77.80	77.66	77.32	78.76	81.21	41.2	38.4	37.9	86	75	26	19
HOGS FEB	38.97	39.24	40.08	40.63	41.76	22.8	27.1	34.0	11	10	5	11
HOGS APR	37.35	37.51	38.16	38.71	39.78	18.4	24.6	32.6	11	13	6	10
BELLY FEB	36.12	36.24	36.61	37.56	39.30	24.4	28.9	34.9	11	13	4	6

LIVE CATTLE

	HIGH	LOW	LAST	CHG
FEB	7285	7225	7255*	+15
APR	7347	7295	7327*	+25
JUN	6890	6845	6865*	+10
AUG	6685	6655	6657*	0
OCT	6730	6685	6715*	-5
DEC	6825	6790	6820*	-2
FEB				
APR				

FEEDER CATTLE

	HIGH	LOW	LAST	CHG
JAN	7825	7770	7780*	-25
MAR	7582	7525	7560*	-15
APR	7530	7475	7495*	-22
MAY	7415	7375	7375*	-25
AUG	7400	7352	7352*	-37
SEP	7325	7295	7295*	-20
OCT	7300	7285	7285*	-20
NOV	7270	7270	7270*	-10

LIVE HOGS

	HIGH	LOW	LAST	CHG
FEB	3940	3885	3897*	-32
APR	3767	3725	3735*	-10
JUN	4282	4245	4257*	0
JLY	4345	4305	4315*	-17
AUG	4240	4190	4195*	-35
OCT	3990	3925	3950*	-35
DEC	4280	4220	4237*	-27
FEB	4360	4345	4360*	-20

SWISS FRANC

	HIGH	LOW	LAST	CHG
MAR	7370	7232	7279*	-21
JUN	7295	7165	7208*	-20
SEP	7145	7142	7142*	-20

EURODOLLAR

	HIGH	LOW	LAST	CHG
MAR	9600	9592	9594*	-2
JUN	9589	9583	9585*	0
SEP	9570	9562	9564*	0
DEC	9523	9517	9518*	+2
MAR	9498	9492	9493*	+2
JUN	9453	9447	9448*	+2

PORK BELLIES

	HIGH	LOW	LAST	CHG
FEB	3635	3605	3612*	-10
MAR	3670	3632	3635*	-15
MAY	3760	3720	3745*	-2
JLY	3780	3760	3760*	-17
AUG	3710	3670	3677*	-22
FEB				

BRITISH POUND

	HIGH	LOW	LAST	CHG
MAR	18574	18360	18434*	-14
JUN	18280	18060	18142*	-6
SEP	17990	17800	17874*	+2

S&P 500 INDEX

	HIGH	LOW	LAST	CHG
MAR	42150	41240	42035*	+215
JUN	42280	41380	42175*	+205
SEP	42400	41530	42315*	+195
DEC	42550	41700	42410*	+130

W. GERMAN MARK

	HIGH	LOW	LAST	CHG
MAR	6545	6442	6474*	-37
JUN	6455	6360	6389*	-36
SEP	6347	6311	6311*	-36
DEC	6279	6242	6242*	-37

JAPANESE YEN

	HIGH	LOW	LAST	CHG
MAR	8058	7997	8010*	+19
JUN	8033	7979	7987*	+20
SEP	8015	7971	7972*	+21

CORN

	HIGH	LOW	LAST	CHG
MAR	2520	2502	2504*	-10
MAY	2580	2560	2566*	-6
JLY	2632	2610	2612*	-6
SEP	2616	2590	2592*	-6
DEC	2592	2560	2576*	+4
MAR	2654	2632	2640*	0
MAY	2680	2680	2680*	+4
JLY				
SEP				

CHICAGO WHEAT

	HIGH	LOW	LAST	CHG
MAR	4092	3994	4006*	-40
MAY	3862	3774	3780*	-30
JLY	3490	3400	3404*	-22
SEP	3520	3420	3420*	-50
DEC	3584	3520	3524*	-2
MAR	3572	3572	3572*	+4

K.C. WHEAT

	HIGH	LOW	LAST	CHG
MAR	4064	3994	4004*	-22
MAY	3820	3750	3754*	-14
JLY	3500	3444	3452*	+10
SEP	3520	3484	3484*	+4
DEC			3580a	

SOYBEANS

	HIGH	LOW	LAST	CHG
JAN	5560	5490	5494*	-52
MAR	5580	5500	5502*	-66
MAY	5642	5560	5562*	-70
JLY	5726	5640	5646*	-80
AUG	5760	5684	5684*	-74
SEP	5784	5710	5710*	-90
NOV	5830	5740	5744*	-80
JAN	5864	5840	5840*	-90
MAR	6004	5940	5940*	-90
MAY				

OATS

	HIGH	LOW	LAST	CHG
MAR	1414	1360	1364*	-14
MAY	1430	1382	1382*	-14
JLY	1434	1400	1400*	-14
SEP	1450	1424	1424*	-10

MINN WHEAT

	HIGH	LOW	LAST	CHG
MAR	3930	3864	3872*	-16
MAY	3784	3730	3732*	0
JLY	3620	3570	3570*	+16
SEP	3530	3470	3470*	+4
DEC	3570	3560	3560*	+50

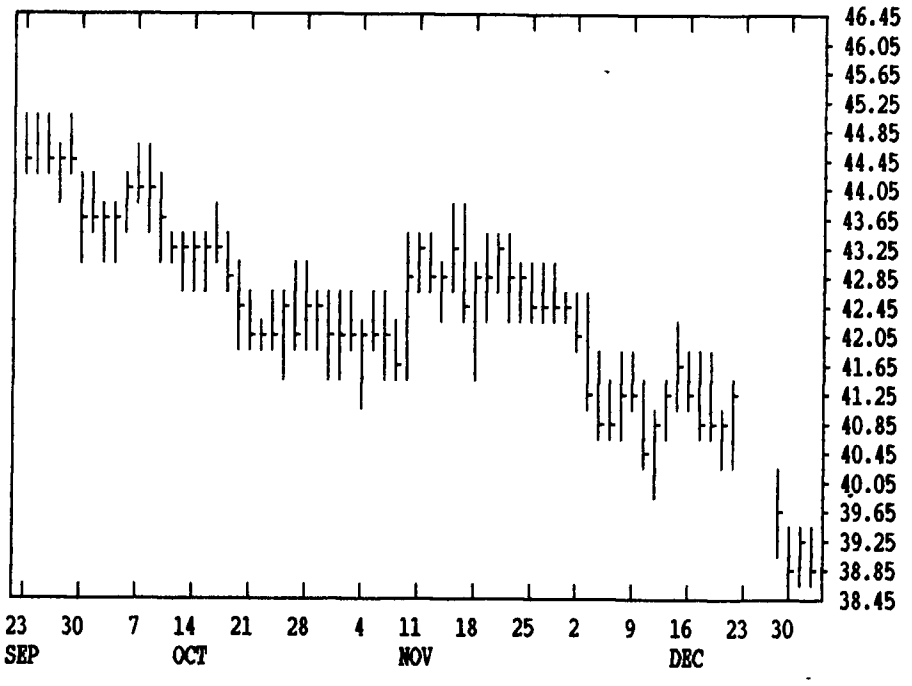
SOYBEAN MEAL

	HIGH	LOW	LAST	CHG
JAN	1743	1720	1721*	-26
MAR	1726	1703	1705*	-21
MAY	1725	1703	1706*	-16
JLY	1737	1711	1715*	-15
AUG	1745	1725	1725*	-15
SEP	1752	1730	1730*	-30
OCT	1885	1862	1862*	-22
DEC	1898	1875	1877*	-23

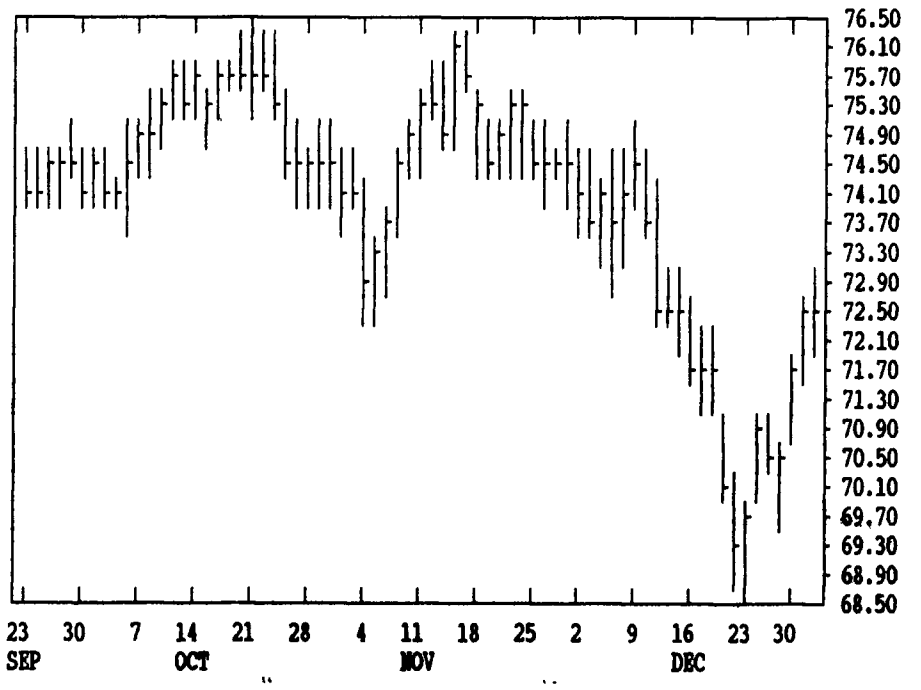
SOYBEAN OIL

	HIGH	LOW	LAST	CHG
JAN	1858	1837	1840*	-10
MAR	1886	1865	1866*	-12
MAY	1918	1896	1897*	-12
JLY	1944	1926	1927*	-15
AUG	1960	1942	1943*	-17
SEP	1975	1957	1957*	-15
OCT	1980	1966	1966*	-11
DEC	2010	1995	1996*	-14

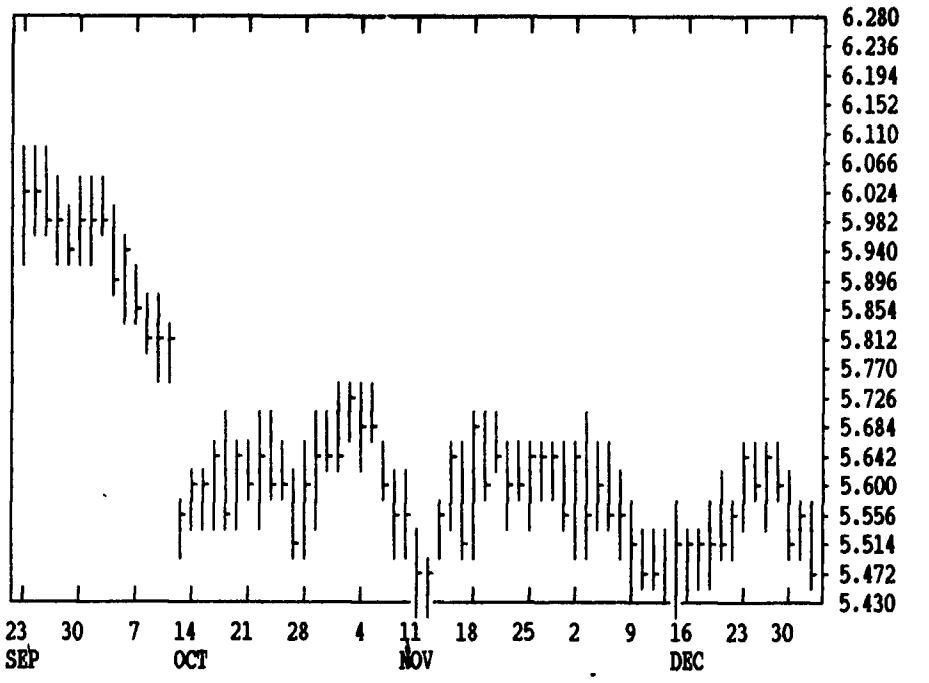
DTN LIVESTOCK 17 FEB HOGS — CONTRACT HIGH: 48.35 LOW: 38.85



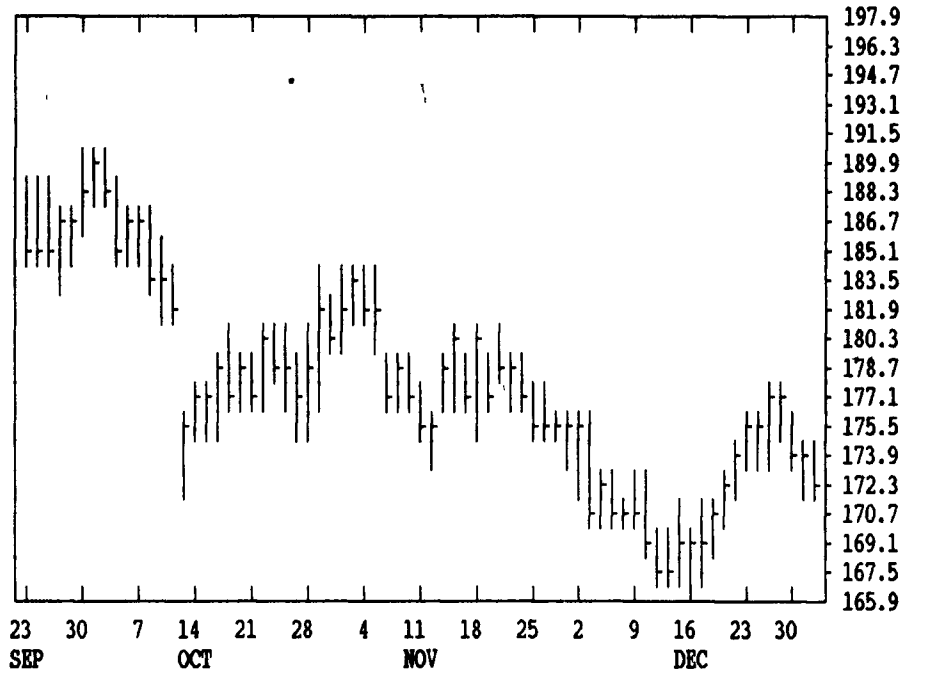
DTN LIVESTOCK 18 FEB LIVE CATTLE — CONTRACT HIGH: 76.70 LOW: 68.90



DTN GRAINS 21 JAN SOYBEANS — CONTRACT HIGH: 6.590 LOW: 5.274



DTN GRAINS 23 JANUARY SOY MEAL — CONTRACT HIGH: 196.3 LOW: 161.3



Youths' Woes, Worries

(Continued from Page A1)

John Starner drove truck and cash cropped the land to make his payments.

Starner also kept a coop with layers, the eggs being sold through the family store, a cinder-block, garage-type structure with a rear-sloping roof. It was one of the first convenience stores in the area, predating the converted gas stations by more than a decade.

Eventually, Starner also subdivided a portion of the property to sell off for building lots to help bring in money.

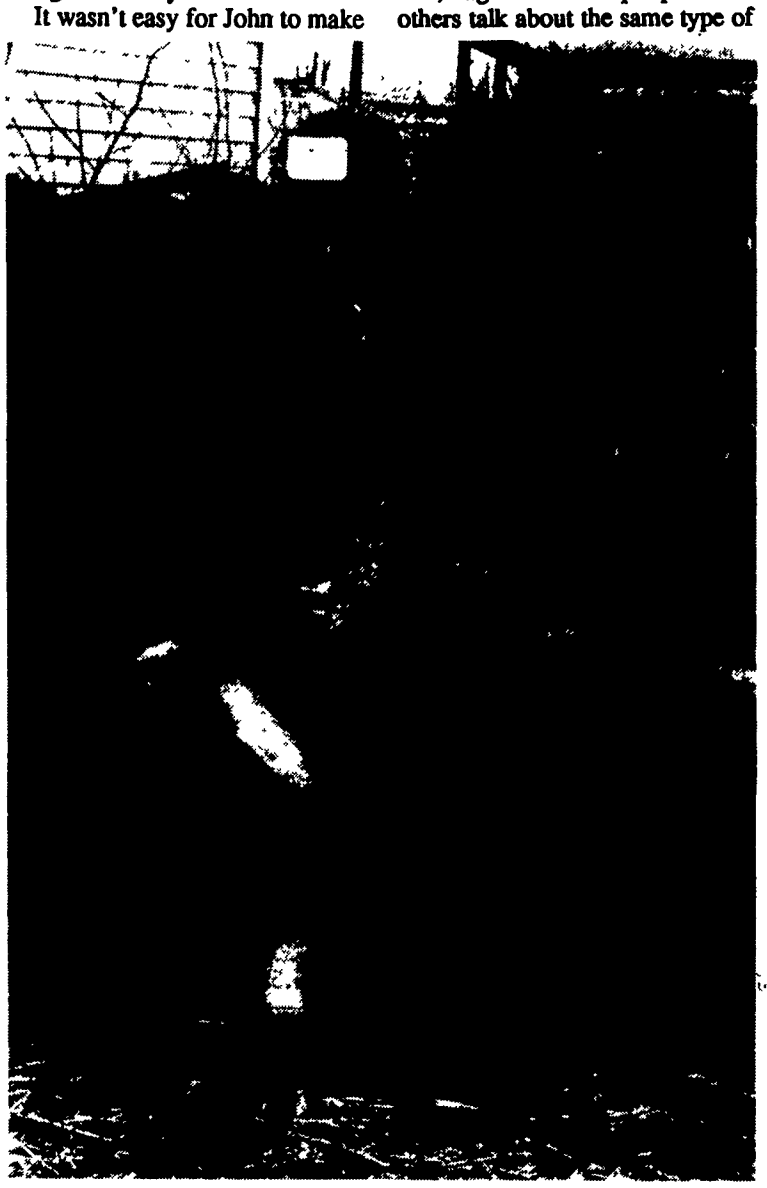
It wasn't easy for John to make money to pay for the land, but it looks impossible for grandson John who wants to stay in agriculture.

There are several things working against him: housing developments bring more money during one person's life than using the land for agriculture; and a profit margin on indepentently raised hogs is insufficient to pay off a loan to buy land.

Risser said he is at a tough crossroads.

Across the state, teachers, families, agribusiness people and others talk about the same type of impasses that make an independent farming future seem less and less an option for today's youth.

But during the next couple of weeks, for Risser and scores of other high school and post high school youth, the Farm Show offers a chance to forget about the woes and decisions that are always present — a chance to reaffirm those desires to stay within the agriculture business, to meet many others the same age with a husbandry interest, and to enjoy the carnival and atmosphere of unity, even among the diversity.



John Risser leads his Hampshire-Duroc cross market hog which is to be shown at the 76th Pennsylvania Farm Show. The hog is the product of Risser's artificial insemination project.

Risser is to be showing at least two animals at this year's Farm Show, a Hampshire-Duroc cross market hog and a purebred Simmental steer.

A member of the Cedar Crest High School FFA, Risser purchased the steer to enter in the purebred steer competitions, which is in its second year at the Farm Show.

Risser has raised other steers, cross breeds, but this is his first Farm Show steer.

"It's something different try, and, in my mind, there is less competition in the individual breeds than by showing by (open) classes," he said.

Kenneth Winebark, the county's extension livestock agent, helped John find a breeder who had Simmentals and would possibly sell one to him.

However, finding someone who would allow a well-bred bull to be used as a steer presents some complications.

"He was a little bull at the farm where I got him," Risser said. "(The breeder) was debating whether to keep him as a bull. He caught my eye right away," he said.

The breeder neutered the November 1990-born bull and sold it to John who has raised it on a 14 percent protein balanced ration. It has grown well. Almost too well.

According to John, it is almost too heavy for the weight limit. "In my mind he's an efficient steer," he said.

John said he also learned from the experience. He raised five other cross-bred steers and said he noticed a difference in growth rate and finishing rate.

John Risser has a lot of work to do to clean and trim this purebred Simmental steer for the Farm Show. Though job opportunities are tough for Risser and many young adults, Risser is gearing up for showing his first Farm Show steer.

"Simmentals finish out slower, but they grow fantastically. I just takes more weight to finish them out," he said.

Risser has traditionally showed Farm Show hogs and will be in the show ring again this year with a bred and owned Hampshire-Duroc market hog, a litter mate to the reserve grand champion at the recent Lebanon County 4-H Livestock Roundup.

Tight and firm appearing, the hog was part of John's artificial insemination project.

Risser has been working part time construction for an area builder, but for at least the next two weeks, Risser will put his future worries on hold. He has more than two-dozen pigs at home, with 18 adults and two litters born this week.

Tony Ebling, 17, of Myerstown, has plans that ironically may be more attainable than to become a farmer — to become a veterinarian.

Ebling, 17, has been accepted to Penn State University's Main Campus for the fall 1992 semester to study animal bioscience, which is a pre-veterinary course.

Neither of his parents are farmers, but he has been involved in 4-H and agriculture for a number of years, having started, at age 7, with raising rabbits.

However, for Ebling, Farm Show is a time to forget about

(Turn to Page A39)

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(624MF)	24	650		$56.59
(B7472)	74	675	GM cars, light trucks	$59.50
(B2772)	27	580	Import trucks	$62.98
(627MF)	27	855		$72.62
(B6560)	65	850	Most late-model Ford cars, light trucks	$78.50
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Champions For Family

(Continued from Page A1)

from — and what they pick has to carry them.

Pretty lucky

"We need to pick what we have," said Patti Jenkins, 29, who, along with sister Beth, 26, have been exhibiting at the Farm Show since 1976. "So we're pretty lucky that we can do as well as we do. But it's just exciting to go out there and do it."

Because Holly was able to place early on, the Jenkins stayed showing animals after their father and mother, William and Janet, retired from milking animals in about 1965. For several years, the Jenkins helped raise Holstein heifers to sell, until Holly came along.

Holly's mother was purchased from a local herd, and Patti said Holly was the first cow she bred. Many of the offspring were sold, one of which was was reserve junior champion in the National Junior Show. Because the Jenkins gave up dairying, many of the cows were sold as 2-year-olds.

"But then we started keeping a few that were like her," said Patti. "When she calved, I didn't want to sell her, because she'd done so well."

Helping herd

Instead, Patti allowed others to milk them. Patti and Beth attribute the great work of Rob and Sharon Nolan, Cochranville dairy farmers, for helping maintain the milking herd.

"We breed pretty much for show and for type," said Patti.

"I don't know how many offspring she has," she said.

"I know she has a daughter out in York County," said Beth.

Showed for years

Patti and Beth showed the animals for many years, starting in 1972 at the 4-H shows and then at the Goshen Fair near West Chester and the Kimberton Fair near Phoenixville. From there, the family showed at Delaware State Fair, Maryland State Fair, and Allentown Fair. They also have placed in the Unionville County Fair, the Pennsylvania All-American Dairy Show, the North American International Livestock Exposition in Louisville, Ky., and of course the state farm show.

"We don't really have a county fair," said Patti. "Kimberton Fair is run by a fire company and so is Goshen Fair. I would say those two are the county fairs."

The fair experience taught them the fundamentals of exhibiting, and the 4-H experience was the first step on the road to show success.

"We started out at the bottom, there's no doubt about that," said Patti, laughing. "We definitely started at the bottom and worked our way to the top."

Urged sisters

Brother Tom showed 4-H animals, and Beth and Patti's parents urged the sisters to show animals, also.

"I started showing Guernseys at first because Mom and Dad didn't want the competition there between Patti and I," said Beth. "Patti showed the Jerseys, and I had the Guernseys, and I never made out too well with them. I had a couple of good ones. But after Patti got out of 4-H, she gave me one of her calves, and I started showing Jerseys."

After graduation from high school, Beth received her present from Patti — a Jersey calf from Holly's lineage.

The Jerseys are an underrated breed, even though they test high for protein and butterfat. They are smaller than the more dominating Holstein breed and eat less, but provide greater milking in terms of their comparative size.

Jerseys most popular

The Jenkins also agree that Jerseys are the most popular of the colored breeds.

"And they're much cuter!" Beth said, laughing.

But dairy farmers are beginning to take on some Jerseys into the herd, and some have switched over entirely to the Jersey stock. Beth said that many milk companies are starting to realize the benefits of the Jersey cow.

Patti works as a lab technician for the University of Pennsylvania's New Bolton Center in Kennett Square. Beth works as an office accountant for Key Paging in Media.

Free time

Now, the Jenkins devote most of their free time to managing the herd.

"We take care of them individually," said Patti. "We don't just throw a bucket of grain out in the trough and let them all eat."

They feed the herd a total mixed ration of soybeans, oats, barley, corn, with molasses and basic minerals. For calves, they also use a nursing cow.

Beth Jenkins, right, holds onto Shelby, a senior calf to be entered into Farm Show competition next week. Left is Patti Jenkins, holding onto Shana, also a progeny of Holly, to enter competition as a junior yearling.

"We found that has made a big difference in getting the calves healthy," said Beth. Milk replacer is also used extensively.

Animals comfortable

The animals are also made as comfortable as possible, using either straw, sawdust, or a combination of both with corn fodder as bedding.

Though the colored breeds are making some inroads on state dairy operations, they are still lacking in Chester County, partially because of the encroaching development. The Jenkins still farm 32 acres of corn and manage 12 acres of pasture. Much of the hay they raise is sold for the horse market.

"The dairies in this county alone are starting to dwindle," said Patti, "because it's starting to get pretty built up down through here. Philadelphia is kind of coming right out here. They come in and offer so much money that it's hard for somebody to turn it down.

"There's no way you can buy a farm around here because of the development," she said. "People are asking a million dollars for a farm."

Even so, the Jenkins plan to operate dairies of their own. Beth wants to stay in dairying in some fashion, and Patti, together with her boyfriend, are looking to find a farm to rent and begin milking a small herd.

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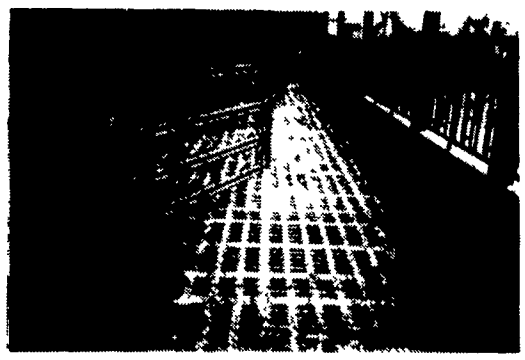

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Management Information For Barn Use

LEHAN POWER
Extension Farm Economist

TOWANDA (Bradford Co.) — In recent years it has become common practice to buy and sell high-moisture corn. The question we frequently are asked is "What is the right price?"

The price should be based on the price or anticipated price of dry corn. However, harvesting, transportation and drying cost should also be considered by both the buyer and the seller.

There are two formulas that may be used to calculate what a weight of grain at a given level of the dry matter. would equal in dry bushel equivalents.

For High-Moisture Ear Corn:

Pounds of wet corn X dry matter (expressed as a decimal) + 59.8 = bushels of dry shelled corn.

Example:

9,000 pounds of ear corn X .65 dry matter (35% moisture) + 59.8 = 98 bushels of dry shelled corn equivalent.

For High-Moisture Shelled Corn:

Pounds of wet shelled corn X dry matter (expressed as a decimal) + 47.8 = bushels of dry shelled corn.

Example:

35,000 pounds of wet shelled corn X .7 dry matter (30% moisture) + 47.8 = 512 bushels of dry shelled corn equivalent.

At this point, an agreed upon shelled corn price may be used to calculate the value of the high-moisture corn. Remember when trading is based on unharvested corn, then harvesting, hauling and avoided drying costs should be considered!

Corn Silage Pricing

At this time of year we receive almost daily questions regarding the price of corn silage, from both buyers and sellers. There is a long and a short answer to this question.

The short answer is that corn silage is worth about one-third of the price of Mixed Mostly Legume Hay (MMLH). If MMLH is worth $100 in the mow, then corn silage is worth approximately $33 in the silo.

The longer and probably more accurate answer follows. First, let's take a look at the value of corn silage based on the price of dry shelled corn.

TABLE #1
Net Value of Corn Silage as a Dairy Feed (1)

Moisture	@ $2.50 Corn	@ $2.75 Corn	@ $3.00 Corn	@ $3.25 Corn	@ $3.50 Corn
70%	$19-23/T	$21-25/T	$23-27/T	$25-29/T	$27-31/T
65%	25-29	27-31	29-33	31-35	33-37
60%	30-34	32-36	34-38	36-40	38-42
55% (2)	29-33	31-35	33-37	35-39	37-41

(1) Value after deducting storage/feeding loss; (2) Silage dryer than 60% has more feeding loss.

Next, we'll go out on a limb and give some estimated values for "abnormal" corn silage. This could be caused by dry weather, early frost, late planting or some other reason.

TABLE #2
Estimated Value of Abnormal Corn Silage in Relation to Normal Corn Silage

Abnormality	Moisture	As % Of Normal*
Predough Immature	80%	58%
Predough Immature-dry	60%	105%
Drouth (50% ears)	70%	85%
Drouth (50% ears)	60%	112%
Drouth (30% ears)	60%	107%
Drouth (no ears)	60%	107%

* Normal would be well-eared 70% moisture corn silage with 72% TDN on a dry-matter basis.

That gives you an idea of what corn silage is worth as a feed out of a silo. But what if you are purchasing a field of standing corn? Following are several factors you should consider:

1. What does it cost to harvest the silage?
2. What is the moisture level of the corn? (See Table #1.)
3. How well eared is the corn? (See Table #2.)
4. How mature is it? (See Table #2.)
5. How far must it be hauled (at 25 to 50 cents/T per mile)?

TABLE #3
Cost of Harvesting Corn Silage (1)

Yield Level	Cost Per Acre	Cost Per Ton
18 T/A	$75.00	$4.17
14 T/A	66.00	4.70
10 T/A	55.00	5.50

Average Farm Feed Costs For Handy Reference

To help farmers across the state to have handy reference of commodity input costs in their feeding operations for DHIA record sheets or to develop livestock feed cost data, here's this week's average costs of various ingredients as compiled from regional reports across the state of Pennsylvania. Remember these are averages so you will need to adjust your figures up or down according to your location and the quality of your crop.

Corn, No. 2y - 2.78 BU. 4.98 CWT.

Wheat, No. 2 - 3.46 BU. 5.78 CWT.

Barley, No. 3 - 1.98 BU. 4.24 CWT.

Oats, No. 2 - 1.59 BU. 4.96 CWT.

Soybeans, No. 1 - 5.40 BU. 9.02 CWT.

Ear Corn - 67.06 BU. 3.35 CWT.

Alfalfa Hay - 110.00 TON 5.50 CWT.

Mixed Hay - 105.00 TON 5.25 CWT.

Timothy Hay - 107.50 TON 5.38 CWT.

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Zone 1	New Entries	SX 269	First Place
Zone 2	New Entries	SX 269	Third Place
Zone 3	Advanced Entries	8127	Fifth Place
Zone 3	New Entries	7997	Fifth Place
* Zone 3	Silage	9027	First Place
Zone 4	Advanced Entries	9027	Fifth Place

* Cargill 9027 was 6.5 tons above 2nd place!

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Rock Springs, 1988 Seeding Crown II First Place (3 yrs. average)

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Show Opens With Something For Everyone

(Continued from Page A11)

HORSE SHOWS - Always a favorite, horse shows and contests dominate the entertainment programs in the Large Arena. The action starts with two rodeo programs separated by the 4-H horse drill team on Saturday, followed by the draft horse hitched competition on Sunday, the Horse Pulling Contest on Tuesday evening and the Pony Pulling Contest on Wednesday.

Equine lovers will also find more than 100 horses in the Northwest Building as exhibitors groom them for judging.

JUNIOR LIVESTOCK SALE - The Junior Livestock Sale (sheep, swine and beef) recognizes the dedication and achievements of 4-H and FFA members involved in junior market livestock programs. Earnings from the auction go directly to the young exhibitors, often enabling them to pursue careers in agriculture.

Now starting at 10 a.m. on Thursday morning, the sale is supported by many statewide and local businesses. The Farm Show is challenging businesses and others to support the 1992 Junior Livestock Show and Sale.

MILKING PARLOR - Over 200 dairy cows are milked twice daily in a modern milking parlor in the North Building. The facility is a miniature version of the milking barn and milk houses found on commercial dairy farms. Farm Show visitors have an opportunity to observe these activities, basic to every dairy farm enterprise.

Our accommodations are unique among dairy shows because the facilities are approved by State Milk Sanitarians for the production and sale of fluid milk.

OLDER PENNSYLVANIANS RECEPTION CENTER - A reception center will be open on Monday, Agricultural Heritage Day, from 8 a.m. to 4 p.m. in the Main Lobby along the south side of the complex for older visitors to relax and talk to AARP and PACE representatives. Informational brochures on subjects like generic drugs, long term health care, and benefits and rights for older citizens will be available.

PENNSYLVANIA FOOD PANTRY - Through the cooperation of statewide agricultural organizations, the Pennsylvania Food Pantry will feature hundreds of products on display from the Commonwealth's vital food processing industry.

Cooking demonstrations will be held several times a day in the West Lobby using many of the featured products.

POULTRY DISPLAY - More than 2,000 birds are expected for judging on Friday in the Large Arena, and over 400 champion birds will be on display along the Lower Concourse throughout the week. You will also find the egg display, duck pond and baby chick incubator in the poultry area.

QUAKER CITY STRING BAND - The band is a favorite among thousands of spectators who brave the frigid temperatures each New Year's Day to enjoy the annual Mummers Parade through the heart of Philadelphia.

A consistent winner during their 59-year history, Quaker City adheres to the most precise details with costumes, music and presentation. Their performance is scheduled for 12 noon on Sunday in the Large Arena.

RABBIT EXHIBIT - Over 100 rabbits, all class champions from Friday night's judging, will be displayed along the Upper Concourse of the Large Arena.

RECORD PREMIUMS OFFERED - The Pennsylvania State Farm Show is committed to exhibiting the best that Pennsylvania agriculture has to offer. This commitment to attracting top quality agricultural products and livestock is evidenced by a record $198,266 in premiums offered for 1992.

RODEO - Back by popular demand, members of the Pennsylvania High School Rodeo Association will provide twice the thrills for audiences in the Large Arena on Saturday. With performances at 2 p. m. and 6 p. m., the student riders will demonstrate team roping, saddle and bareback riding, bull riding, steer wrestling, calf roping, breakaway roping, goat tying, pole bending and barrel racing.

RURAL ART DISPLAY - "Down on the Farm" is the theme of this new art exhibit in the Main Lobby. Sponsored by the Susquehanna Art Museum, it highlights artists who specialize in animal portraitures.

SHEEP SHOW - The Dorset, Hampshire, Southdown and Suffolk breeding sheep will compete in the show ring on Sunday morning, followed by the Cheviots and Shropshires showing on Monday morning, and the Corriedale, Merino and Rambouillet breeds on Wednesday evening.

A meat breeds Supreme Champion will be selected at the conclusion of the final breed show on Monday and a wool breeds Supreme Champion will be selected Wednesday night.

SHEEP TO SHAWL CONTEST - With the assistance of the Pa. Sheep and Wool Growers Association, the Farm Show will host the 11th annual Sheep to Shawl Contest on Monday evening in the Small Arena.

This popular event finds ten teams sheering sheep, spinning the wool into yarn, and creating beautiful shawls in just two hours. After the judging is complete, you are invited to bid on the shawls in the auction. All proceeds from the shawls go directly to the respective teams.

SUPREME CHAMPIONS - Don't miss the judging competition and selection of the prestigious 1992 Pennsylvania Farm Show Supreme Champions. Supreme Champion awards will be presented for sheep, draft horses, swine, dairy cattle and beef cattle.

TOUR THE DEPARTMENT OF AGRICULTURE - This is your chance to see the laboratory facilities of the State Department of Agriculture. Guided tours at the Agriculture Building, located just across the street from the Farm Show Complex, will be offered Monday through Thursday at 10 a. m. and 2 p.m.

When walking from the Farm Show Complex to the Department of Agriculture, be sure to use the pedestrian tunnel, found between the East Building and the Large Arena. Tours will begin in the Front Lobby of the Agriculture Building.

TOUR THE GOVERNOR'S RESIDENCE - Guided tours of the Governor's Residence at 2035 North Front Street will be offered on Tuesday between noon and 3 p. Visitors will see antiques and period furnishings at the Georgian mansion on the banks of the Susquehanna River.

VOCATIONAL AGRICULTURE DEMONSTRATIONS - Throughout the week, vo-ag students will present demonstrations on a wide array of agricultural activities.

These presentations offer our youth an opportunity to improve their development and organizational skills, along with valuable experience in public presentations. These educational demonstrations can be observed in the Pennsylvania Room on the Upper Concourse of the Large Arena.

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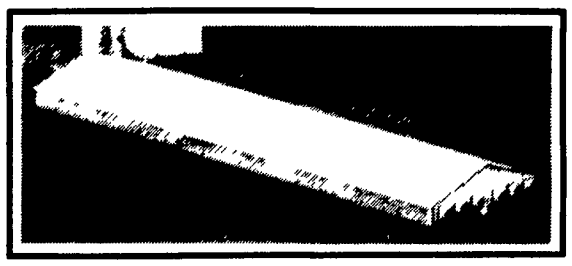

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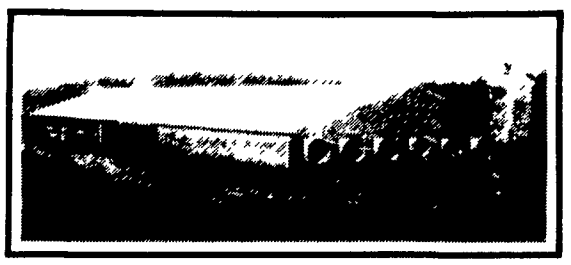
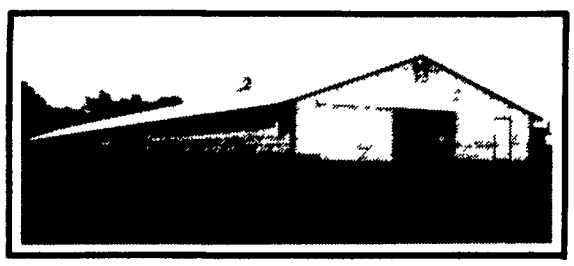


FEEDER PIG OPERATION



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Dairy Farmers Holding Their Own In Regulatory Arena

KARL BERGER
Special Correspondent

WASHINGTON, D.C. — Despite a potential regulatory change and the prospect of continued testimony about the need to alter the federal milk order system, Northeast dairymen are holding their own in the battle to preserve their fluid milk markets.

That, at least, is the assessment of local observers as the industry begins 1992 facing the resolution of one and the beginning of another nationwide process for reforming the decades-old federal order system administered by the U.S. Department of Agriculture.

Toward the end of last year, the department finally issued its recommended decision from the mammoth national hearing on the milk order system it held in the fall of 1990. At about the same time, the department issued a call for proposals to change the Minnesota-Wisconsin manufacturing milk price currently used to set prices in the more than 40 federal orders nationwide.

Although couched in the arcane technical language of the milk order system, proposals for such change reflect the basic struggle for market share between producer and processor interests in one part of the country and those of another region. For instance, a coalition of groups from the Upper Midwest lobbied unsuccessfully for a reduction in the Class I differentials tacked onto fluid milk prices in various orders, a change that would make shipping their milk there more competitive with local supplies, according to Jim Fraher, an economist with Atlantic Dairy Cooperative.

USDA's recommended decision basically preserves the orders' status quo with one significant exception, but Secretary of Agriculture Edward Madigan left the door open to further debate by asking for additional public comment on many of the issues addressed in the original hearing. In addition, the prospect of a hearing on the so-called M-W price has the potential to expand from a consideration of narrow technical issues to one that would focus again on the larger questions of the system, according to Ed Coughlin, an analyst with the National Milk Producers Federation in Washington, D.C.

In issuing his call for comment, Madigan, a former Illinois congressman, said, "I am not satisfied that all of the issues were thoroughly aired during the AMS (Agricultural Marketing Service, a branch of USDA) hearings, so I am posing a number of questions to the dairy industry and the general public which are aimed at a more fundamental assessment of milk marketing orders."

Coughlin, who formerly worked for USDA, said the ambiguous nature of the response to the national order hearing reflects divisions within USDA and the Bush administration to this highly political issue.

"I think within the Department of Agriculture they concluded that the evidence may not have justified certain changes that some of the policy makers would like to do," Coughlin said.

Madigan's call for comments sets up a "rematch," Coughlin said, between those satisfied with the current system and those seeking drastic changes.

Locally, the Pennmarva Dairymen's Federation — a coalition representing the area's major dairy cooperatives — once again will weigh in with testimony supporting the status quo, Fraher said.

"The current program is working, and there's an appropriate mechanism for change and that's the hearing process," said Fraher, explaining Pennmarva's position. The economist, who testified at the 1990 hearing for the local federation, said the system has responded to changing market conditions with incremental changes approved individually on an order-by-order basis.

In Federal Order 4, which covers most of the Mid-Atlantic region, "we're not thinking that we've got the answer for the Upper Midwest or Arizona and we don't agree with the people who think they have system-wide answers," Fraher said.

Pennmarva also is opposing one of the two changes that USDA recommended as a result of the national hearing — a change that would weaken the so-called compensatory payment provisions in most federal orders.

Currently, Fraher said, a handler regulated under Order 4 who wants to buy milk powder, add water, and sell the result as reconstituted fluid milk must pay an amount equal to the difference between the order's Class III and its Class I prices (basically, the Class I differential) into the order's pool for paying producers. This provision basically insures local dairymen against any displacement of their higher-priced Class I sales.

The change proposed by USDA would allow handlers to reduce the amount they put into the pool by $1 a hundredweight, a change that both decreases the disincentive for reconstituting milk and reduces the local producers' insurance.

"It's a fair bet to say if (the reconstituted milk provision) is used, it will be to the detriment of local market producers," Fraher said.

However, both Fraher and other observers said it's unlikely that USDA's proposed change — if finally adopted — would open the flood gates to significant movements of reconstituted milk. In fact, NMPF's Coughlin said the issue, which has been part of the larger struggle over the shape of the federal order system, represents "much ado about nothing."

McGregor Elected To Beef Board

HARRISBURG (Dauphin Co.) — Ralph McGregor, a York County dairy farmer, was elected to the 12-member Cattlemen Beef Board Executive Committee at the board's semi-annual meeting in San Antonio, Texas recently.

McGregor is one of two Pennsylvania representatives on the 113-member national board. He is the only representative from the northeast region to sit on the executive committee. This committee is responsible for overseeing the administrative and compliance duties for the Beef Board, the national organization of the $1 per head beef checkoff.

In addition to serving on the Beef Board, McGregor is currently serving as the chairman of the Pennsylvania Beef Council and chairman of the York Farm Credit Association.

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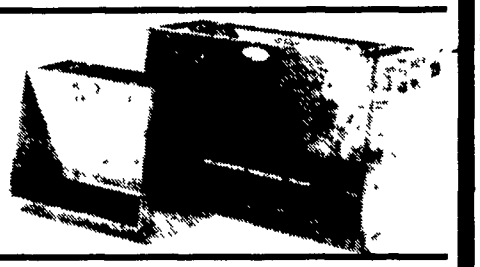
Relative Size Illustration

Photo shows relative size of double-sided Nursery feeder (ND-5) on left, and finisher feeds (FD-5) on right



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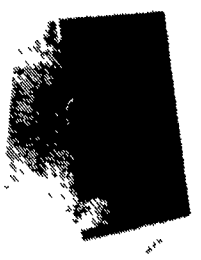

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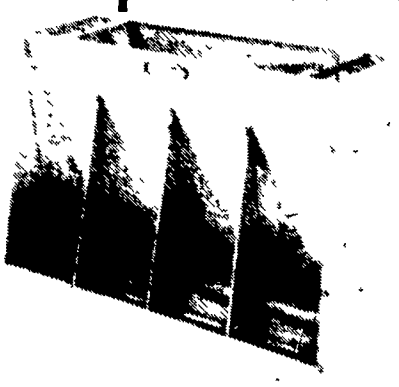

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1-4

Farm Calendar

(Continued from Page A10)

Show, Farm and Home Center, 9:30 a.m.

Area tax meeting, Wellsboro, Pomona Grange Hall.

East Pa. Turf Conference and Trade Show, Valley Forge Conference Center, Sheraton Valley Forge Hotel, King of Prussia, thru Jan. 10.

Leola Auction vegetable meeting, Bareville Fire Hall, Bareville.

Schuylkill Co. Dairy Day, Schuylkill Co. Campus, 9 a.m.-3 p.m.

Milk pricing index meeting, Ephrata H.S. ag classroom, 7:45 p.m.

Soil Fertility School, Log Cabin Restaurant, Waterford, 10:30 a.m.-2 p.m.

Wednesday, January 8

Area tax meeting, Tunkhannock, Shadowbrook Inn, Sullivan Room.

Penn Jersey Dairy Expo, Days Inn Conference Center, Allentown; repeats Jan. 9, Oxford Fire Hall, Oxford.

East Pa. Turf Conference and Trade Show, Valley Forge Conference Center, Sheraton Valley Forge Hotel, King of Prussia, thru Jan. 10.

York Co. Composting Conference, Pleasant Acres Complex, 9:30 a.m.-noon.

York Co. Grain Crops Video Seminar, PSU York Campus, 10 a.m.-2:30 p.m.

Lancaster Co. Soil Conservation Society dinner meeting, Lancaster Stockyard Inn, 6 p.m.

Satellite Crop Production Program, Penn State Worthington Campus.

Thursday, January 9

Area tax meeting, Comfort Inn, Lewsiburg.

N.E. regional tomato meeting, Thompson's Dairy Barn, 9:30 a.m.-3:30 p.m.

East Pa. Turf Conference and Trade Show, Valley Forge Conference Center, Sheraton Valley Forge Hotel, King of Prussia, thru Jan. 10.

Franklin Co. Crop Management Association annual meeting, St. Thomas Fire Hall, 7 p.m.

Chester Co. Dairy Day, Oxford Fire Hall, 9:30 a.m.

Friday, January 10

Area tax meeting, Comfort Inn, Lewisburg.

East Pa. Turf Conference and Trade Show, Valley Forge Conference Center, Sheraton Valley Forge Hotel, King of Prussia.

Saturday, January 11 Farm Show Begins!

Pennsylvania Farm Show, Farm Show Complex, Harrisburg, thru Jan. 16.

Sunday, January 12

Pennsylvania Farm Show, Farm Show Complex, Harrisburg, thru Jan. 16.

Monday, January 13

Pennsylvania Farm Show, Farm Show Complex, Harrisburg, thru Jan. 16.

Mid-Atlantic Fruit Variety Showcase, Hyatt Hotel, Richmond, Va., 3 p.m.-6 p.m.

Mercer Co. Dairy Workshop, Extension Center, 10 a.m.-3 p.m.

Hay Auction, Westmoreland Co. Extension, Westmoreland Fairgrounds, 11 a.m.

Tuesday, January 14

Pennsylvania Farm Show, Farm Show Complex, Harrisburg, thru Jan. 16.

Area tax meeting, Holiday Inn, Hazelton.

New Jersey annual vegetable meeting, Trump Taj Mahal Casino Resort, thru Jan. 16.

Woody Ornamental Plant Identification Course, Neshaminy Manor Center, Doylestown, Jan. 14-15 and Jan. 21-22, 10 a.m.-4 p.m.

"Improving Swine Production Efficiency," television short course, broadcast January 14, 21, and 28, downlinked to Berks Campus, Reading.

Bradford-Sullivan Forest Landowner's Association meeting, Extension Office, Towanda, 7:30 p.m.

Wednesday, January 15

Pennsylvania Farm Show, Farm Show Complex, Harrisburg, thru Jan. 16.

New Jersey annual vegetable meeting, Trump Taj Mahal Casino Resort, thru Jan. 16.

Coping With Labor Problems in the 1990s, Penn State Great Valley, Jan. 15, 22, and 29, 9 a.m.-3:30 p.m.

Income tax meeting, Family Heritage Restaurant, Franconia, 8 a.m.-4 p.m.

Pa. Potato Cooperatives banquet, Sheraton Harrisburg East.

York Composting Conference, Pleasant Acres Complex, 9:30 a.m.-noon.

Thursday, January 16

Pennsylvania Farm Show, Farm Show Complex, Harrisburg.

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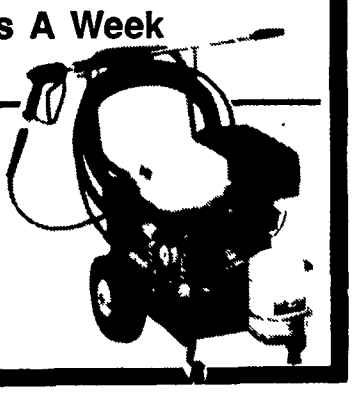

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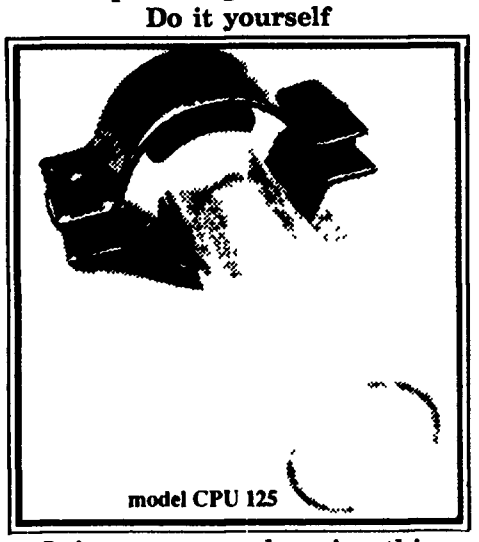

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Beef Evaluation Program For Producers

LEESPORT (Berks Co.) — Beef producers in southeast Pennsylvania are invited to participate in a beef evaluation program where live animals and their carcasses will be evaluated.

The live evaluation will be held on Jan. 21, beginning at 7 p.m. at Leesport Farmer's Market on Rt. 61, just north of Leesport. The carcass evaluation will be held Jan. 23, at 7 p.m. at Peters Bros. Meats in Lenhartsville.

Sponsored by the Penn State University Cooperative Extension Service in southeast Pennsylvania and the Berks/Southeast Cattlemen, the event will help sharpen producer's judging eye. It will also allow breeders to evaluate the genetic characteristics of their herd and feeders to evaluate their feeding program.

On Tuesday evening, Jan. 21, each animal will be evaluated for overall beef characteristics and quality grade, yield grade, muscling and fat.

On Thursday, Jan. 23, Dr. William Henning, PSU extension meat specialist, will evaluate each carcass for dressing percentage, marbling score, maturity, quality grade, rib eye area, fat over rib and yield grade. That evening Bill will help everyone evaluate each carcass.

The cost to bring an animal is $20 which will be used as membership in the Berks/Southeast and Penna. Cattlemen groups.

Those attending the event and who are not going to join the cattlemen's groups will be charged $4 for the program.

For more information or to register, contact Clyde Myers, Berks County Ag Center, P.O. Box 520, Leesport, 19533-0520. Or call (215) 378-1327.

SCS Has Booth At Farm Show

HARRISBURG (Dauphin Co.) — Want to test your knowledge on pasture management?

If you do, make sure to visit the Soil Conservation Service (SCS)'s interactive exhibit on pasture management at Booth #394, Main Floor East at the Pennsylvania Farm Show in Harrisburg.

Called "Manage Your Pa$ture For Profit$," the exhibit consists of four questions designed to test people's knowledge of pasture management.

Right answers will be rewarded with a blinking light; wrong answers with a buzzing sound and an explanation from SCS employees staffing the booth. They will be on hand to discuss answers to the quiz and respond to other questions.

Potted specimens of grasses and legumes will also be displayed. They include orchardgrass, timothy, tall fescue, Kentucky bluegrass, birdsfoot trefoil, alfalfa and white clover. Publications explaining pasture management in more detail also will be available.

"The exhibit shows farmers that using pasture to feed livestock is a very profitable venture if well managed," said Joel Myers, state agronomist for SCS. "These are hard times for farmers and they should explore all alternatives to save costs on feed. This is an excellent alternative to explore."

SCS, a U.S. Department of Agriculture agency, helps individuals, groups, organizations, cities and towns and county and state governments protect their land and water resources and to use them wisely. There are field offices in most counties throughout the state.

For more information about pasture management, contact your local SCS office, listed under the U.S. Department of Agriculture in your telephone book.

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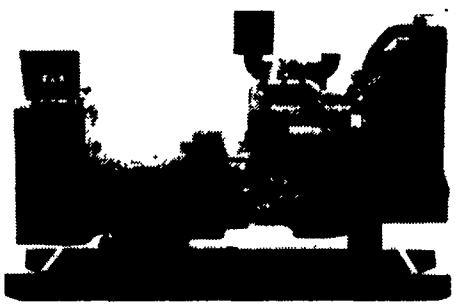

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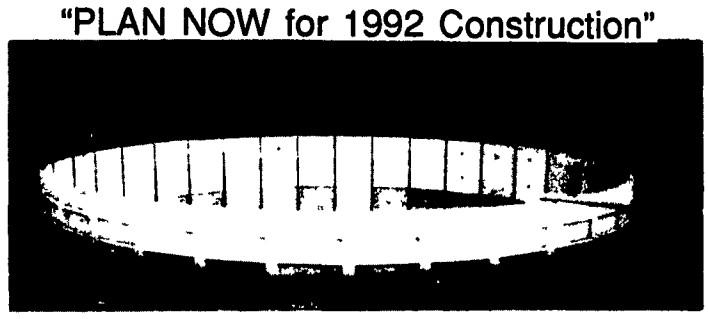

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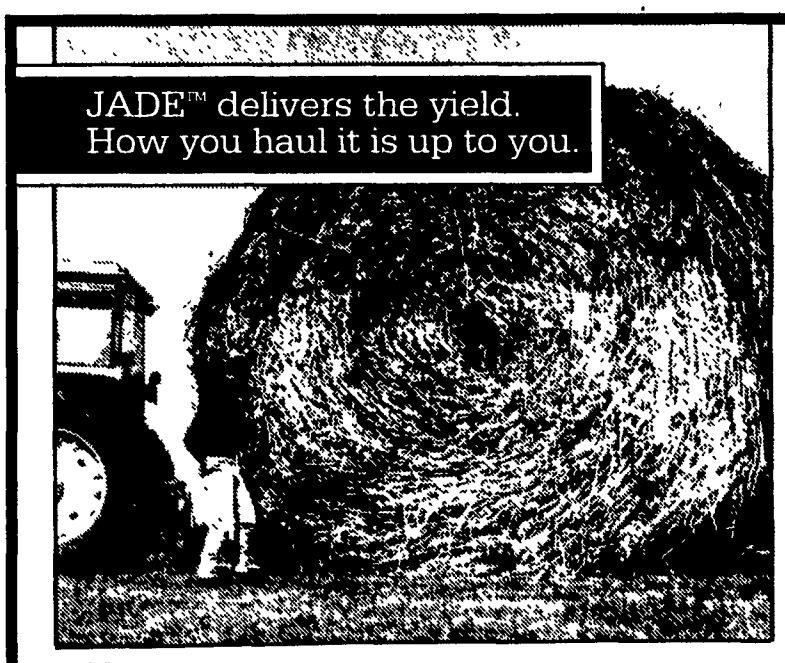

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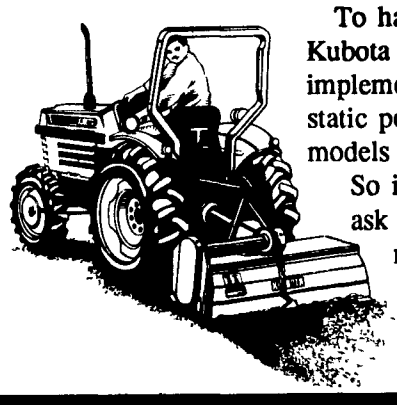

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Pantry Showcases Pennsylvania Processed Foods

HARRISBURG (Dauphin Co.) — Pennsylvania's 2,330 food processors provide a valuable link in our food chain, so one of the displays at the State Farm Show Jan. 11 to Jan. 16 pays special tribute to them.

The bountiful harvest produced by our number one agricultural industry would not be available to consumers all year round without these processors and their distinctive products.

The Pennsylvania Food Pantry in the West Lobby features hundreds of processed Pennsylvania products in 10 showcase windows and in cooking demonstrations by culinary students from the Harrisburg Area Community College and Indiana University of Pennsylvania.

New for 1992 is the agricultural gift pack window, featuring the distinctive foods of Pennsylvania available for shipping to friends, relatives or clients all over the country.

Back by popular demand will be the aquaculture exhibit, with tanks of live premium fish and information about this new growth industry in Pennsylvania.

Along with the gift pack window and aquaculture exhibit, other windows will focus around individual industries within the agriculture network.

They include the fine processed meat products, nutritious and delicious dairy products, processed fruits and processed vegetables, confectionary products, poultry products, speciality food products, snack foods and private label vendors.

Cooking demonstrations will be held daily, Saturday through Wednesday, in the West Lobby at odd-numbered hours of the day. The student chefs will prepare delicious appetizers and entrees using many of the showcased Pennsylvania processed products.

The demonstrations are scheduled at the following times:

Saturday - 11 a.m., 1 p.m., 3 p.m., 5 p.m., 7 p.m.; Sunday - 1 p.m., 3 p.m., 5 p.m.; Monday - 11 a.m., 1 p.m., 3 p.m., 5 p.m., 7 p.m.; Tuesday - 11 a.m., 1 p.m., 3 p.m., 5 p.m., 7 p.m.; Wednesday - 11 a.m., 1 p.m., 3 p.m., 5 p.m., 7 p.m.

IUP's new Culinary School at Punxsutawney offers a 20-month certificate program in culinary arts. Their program places a strong emphasis on learning by doing. Housed in a new state-of-the-art facility, IUP's intensive program equips students will all the skills needed to begin their career after graduation.

The Hotel, Restaurant and Institutional Management Department of the Harrisburg Area Community College offers both certificates and associate degrees in Chef's Apprenticeship and the Culinary Arts.

Upon the successful completion of academic requirements and practical on - the - job training, a graduate may be awarded the standing of "Certified Cook" by the American Culinary Federation Education Institute toward a lifetime of culinary achievement.

76th Pennsylvania State Farm Show

Dates: Saturday, Jan. 11 through Thursday, Jan. 16.

Hours: 8 a.m. to 9 p.m. on Saturday; 11 a.m. to 6 p.m. on Sunday; 8 a.m. to 9 p.m. Monday through Wednesday; 8 a.m. to 4 p.m. Thursday. Admission is free for all events during Farm Show Week.

The Farm Show Complex is located along Cameron and Maclay Streets in Harrisburg, just off Exit 23 of Interstate 81.

Parking is available on the 60-acre site for $2 per vehicle. Overflow parking is offered at the nearby Harrisburg Area Community College with shuttle bus service to the Farm Show Complex for 70 cents per person each way.

Egg Producers, Government Confer On Salmonella

WASHINGTON, D.C. — The Salmonella Enteritidis (SE) Working Group met here to discuss efforts to minimize human occurrences of SE.

Participating in the discussion were representatives of organizations from across the country, including the American Egg Board, Food and Drug Administration, New York State, Ohio Poultry Association, Pennsylvania Poultry Federation, State Poultry Executive Association, the national and regional organizations of United Egg Producers, U.S. Department of Agriculture and U.S. egg marketers.

Both industry and government representatives agreed that all such efforts should be effective; realistic; applied consistently; provide confidence to producers, consumers, and government; be based on science; and work toward a measurable goal.

Two subcommittees were formed. One will investigate a pilot project that will test, in a carefully monitored way in a specific region, procedures for controlling SE. The other will explore the feasibility of increasing the amount of food safety education being conducted by industry and government.

"One of the most important things we accomplished at this first meeting was to get everyone on the same level of information about SE," said Andy Wadsworth, chairman of the working group. "Since we come from different backgrounds, it was useful to share experiences and information before moving forward into new areas."

The next meeting is schedule for January 8 in Washington. For additional information, contact Northeast United Egg Producers at (202) 296-8248.

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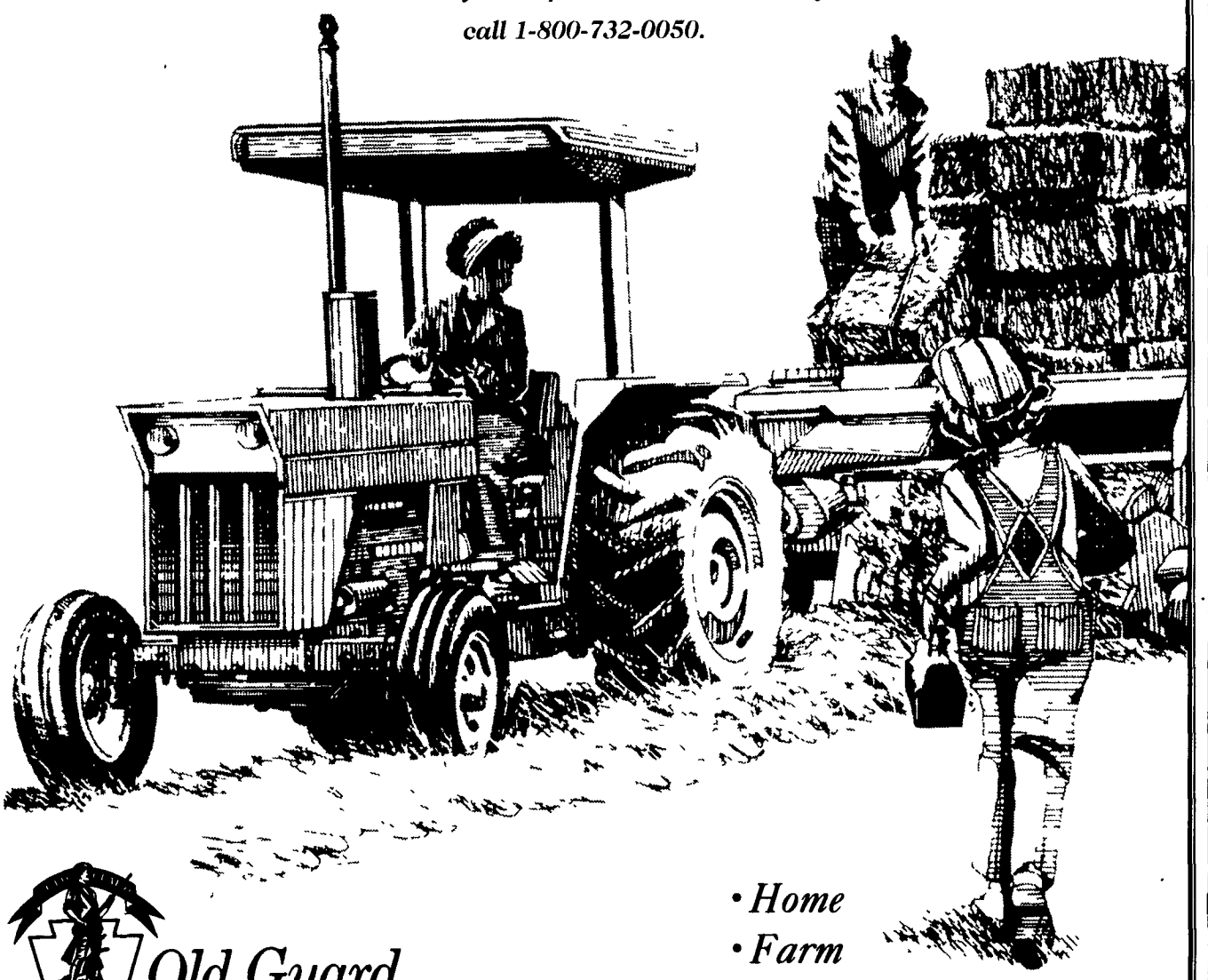

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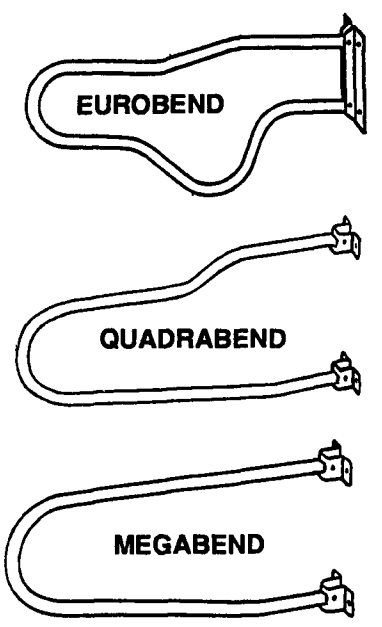

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What Is The Farm Show Commission?

HARRISBURG (Dauphin Co.) — The State Farm Products Show Commission is a 10-member panel charged with the responsibility of operating and maintaining the Farm Show Complex in Harrisburg.

The commission receives administrative assistance from the State Department of Agriculture through the Bureau of Farm Show.

The primary mission of the commission is to conduct and lease the Farm Show Complex for exhibitions that advance the interests of Pennsylvania agriculture and other industries of the commonwealth.

In addition to leasing the complex for more than 60 commercial exhibitions, the commission assists in the production of three state-sponsored agricultural events — the Pennsylvania All-American Dairy Show, the Keystone International Livestock Exposition and the Pennsylvania State Farm Show.

The commission is committed to exhibiting the best that agriculture has to offer and producing the best agricultural shows possible. Exhibitor surveys have produced constructive suggestions for enhancing the events and some of those have already been implemented.

The perennial problem of congestion on the main floor during Farm Show week has been resolved by moving the commodity food booths to a new location. This solution has proven very satisfactory to the statewide agricultural organizations and visitors alike.

Efforts to upgrade the physical appearance of the Farm Show Complex are ongoing. The total capital investment in the facility during the past three years now exceeds $8 million.

The Large Arena has received a major face lift during the past two years. In addition to a new roof, the arena has a new heating system, lighting system, sound system and concession stands. These recent improvements played a key role in attracting a professional soccer league franchise to the facility.

Recent projects have been completed in the Small Arena as well. The installation of a new sound system and rollup doors, along with paint and repair projects, should make that area more comfortable.

The completion of the new two-story Livestock Exhibition Hall is scheduled for 1993. This long-awaited 82,000 square foot addition will provide an opportunity for existing shows to expand and should attract new shows to the complex.

As long as agriculture continues to be Pennsylvania's number one industry, the commission will continue to look for ways to enhance the agricultural shows at this state-owned facility.

Claas Of America Leads Round Bale Importers

COLUMBUS, Ind. — Claas of America announces that, for 1991, it is once again the leading importer of round balers into North America. The company has been the leading importer of round balers since 1988 and imports the Rollant 42, 46, and 66 balers.

Class imports and assembles the balers at seven different warehouses in the U.S. and eastern Canada. The round balers are marketed through more than 140 dealers located across the United States and Canada. In addition to the round balers, Claas of America also imports square balers and a complete line of hay tools, including mowers, rakes, and tedders.

Claas of America is a wholly-owned subsidiary of Claas GmbH, West Germany. The company markets its equipment in 90 different countries and recorded profitable sales in excess of $800 million in 1991. Claas GmbH manufactures combines, balers, forage harvesters, self-loading wagons, sugar cane harvesters, hay mowers, rakes and tedders.

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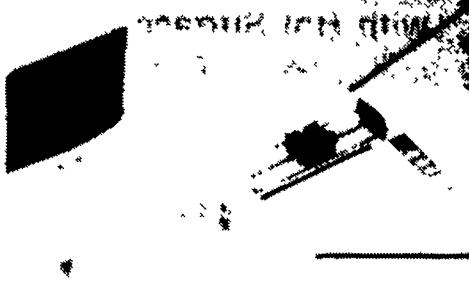

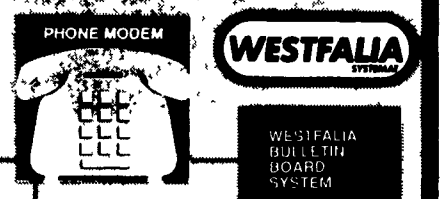

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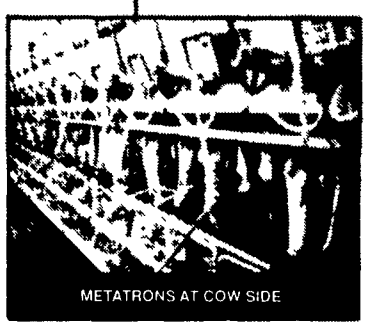
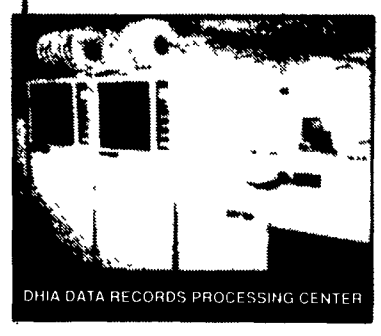


WESTFALIA PC CONTROL CENTER WITH DairyPlan SOFTWARE



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Farm Show Provides Entertainment

HARRISBURG (Dauphin Co.) — Nearly two years ago, the State Farm Products Show Commission voted to change the opening day of the 76th Pennsylvania Farm Show to a Saturday so more families would be able to attend.

Visitors for this year's show should be pleasantly suprised to see that the annual agricultural extravaganza opens to the general public at 8 a.m. on Saturday, Jan. 11, 1992.

The weekend's feature entertainment lineup offers more thrills, more color and more excitement in several spectacular performances than ever before.

The shows in the Large Arena are free, with over 7,000 permanent seats available on a first-come, first-served basis.

With $198,266 in premiums being offered this year, the Farm Show will exhibit some of the state's finest in agricultural, rural and home-made products.

More than 8,000 entries are expected to vie for record premiums in 30 departments of competition, from livestock and poultry to commodity and school exhibits to farm and home displays.

Pennsylvania High School Rodeo Association

Back by popular demand, members of the Pennsylvania High School Rodeo Association are to provide twice the thrills for audiences in the Large Arena on Saturday, Jan. 11.

With performances at 2 p.m. and 6 p.m., the student riders will demonstrate team roping, saddle bronc and bareback bronc riding, bull riding, steer wrestling, calf roping, breakaway calf roping, goat tying, pole bending and barrel racing.

"The rodeo is produced as an educational exposition of livestock handling techniques," said Dave Martin of Gettysburg, the rodeo contractor. "This is a sanctioned event for the National High School Rodeo Association, and the NHSRA rulebook is strictly adhered to."

The same show is to be performed twice, with each show lasting about 2½ hours. Most of the association's 51 members are expected to enter and ride in both shows for separate points, according to Martin.

Next to the state finals, the Farm Show rodeo is the largest PHSRA event in Pennsylvania.

Eligibility for the rodeo occured all year, with riders accumulate points for the rodeo series up until late June. Then, the top three students in each event proceed to the National Finals in Oklahoma in July, the largest high school rodeo in the world with 1,254 student contestants.

National points eventually earn contestants individual scholarships to colleges with rodeo teams.

Students must maintain a high grade average to compete in the High School Rodeo associations, currently found in 34 states.

All of the horses used in the rodeo for timed events are owned by the individual contestants. The other rodeo livestock — bucking horses, Brahma crossbred bulls and Corriente' steers — are owned by the rodeo contractor.

"Rodeo animals are conditioned just as athletes," Martin said. "They are fed high protein grain and are well sheltered and exercised regularly."

Professional rodeo clown Bobby Paul, originally from the Lebanon area, will provide comic background for the audience.

Quaker City String Band

The Quaker City String Band is scheduled to perform in the Large Arena on Sunday at noon, following the Governor's Review.

The band is a favorite among the hundreds of thousands of spectators who brave the frigid temperatures and line the 4-mile route through the heart of Philadelphia each New Year's Day to enjoy the annual Mummers Parade.

Quaker City has been a consistant prize winner throughout their 60 year-history. The band adheres to the most precise details of their theme in regards to costume, music and presentation. Each New Year's Day the theme must be completely new and fresh.

Quaker City is composed of men from all walks of life, ranging in age from 11 to 80. The band has been instrumental in bringing such innovations as ostrich plumes and a style of music that many bands have adopted over the years.

Travel has taken them to places like Los Angeles, Cuba, Boston, Montreal, England and Ireland. Captain Robert Shannon Jr., a striking 6-feert, 10-inches tall, leads the band in their renditions of favorite tunes, both old and new.

The prize-winning band creates quite a spectacle to see and often encourages audience participation during their performance.

Draft Horse Hitched Competition

Always a favorite, horse shows and contests dominate the entertainment programs in the Large Arena.

The visually attractive draft horse hitched competition is scheduled for Sunday afternoon from 1 p.m. to 6 p.m., with a 3 a.m. intermission performance by the Duquesne University Tamburitzans.

Nearly 60 entries have been received for the cart classes, according to show manager Charles Itle. That includes competition for the one-hitched Clydesdale, one-hitched Percheron, one-hitched Belgian, one-hitched horse with ladies to drive, and one-hitched horse with youth to drive.

The team classes resume after intermission, with 33 entries for the team hitch class, team obstacle course, unicorn hitch (3 horses), and scoring for the judging of all hitch classes is 60 percent for manners and performance, 20 percent for conformation or appearances of the horses and 20 percent for the wagons and harness used in the performance.

The winner of the team hitch class is always offered the opportunity to drive the governor into

(Turn to Page A36)

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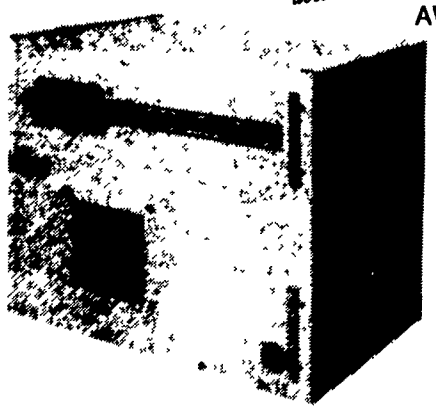

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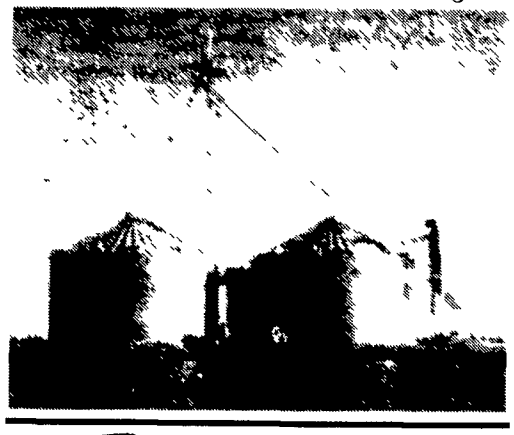

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Television Swine Short Course Offered

READING (Berks Co.) — Penn State University and Pfizer, Inc. are providing locations for producers to attend a television swine short course — "Improving Swine Production Efficiency."

The short course is being presented by Purdue University and Kansas State University and will include three different programs from 8 p.m.-10 p.m. on January 14, 21, and 28.

The short course will be held at the following locations:

• Berks Campus, Reading, Pa. — From the 422 byass around Reading, take the Penn State Berks Campus exit (also called the Lebanon exit). Bear to the right off the exit ramp and proceed on Tulpehocken Road for about 2 miles to the Berks Campus. Pass the dormitories and the main entrance on the left. Take the next left, which will be a drive way beside a country home converted to an office building. The seminar will be held in Room 3 of the Janssen Conference Center. The Conference Center is in a converted barn.

• Gladfelter Insurance Agency, York, Pa. — From I-83, take exit 4, which is the Leeder Heights exit. Proceed east on Leeder Heights Road for about ¼ mile. Watch for the Gladfelter Insurance Agency sign on the left. The seminar will be held in the Education Building, which is the new building on the north end.

Please call Tim Beck, York County Extension Office, (717) 757-9657 to register if you're planning to attend any of the sessions at the York location.

The program offers a variety of educational material, including presentations on high producing sows, genetics, and artificial insemnation (feeding high producing sows, genetics, and speeding genetic progress through AI); earling weaning, processing baby pigs, and water quality and quantity (modified medicated early weaning, processing baby pigs, and water); and swine facilities, new and remodeled (determining facility needs, avoiding pitfalls; electrical wiring; manure storage; and rodent control in swine buildings).

Farm Show Provides Entertainment

(Continued from Page A35)

the Large Arena at the next year's Farm Show ceremony.

Duquesne University Tamburitzans

The internationally famous Duquesne University Tamburitzans will be appearing on Sunday, Jan. 12, at 3 p.m., in the Large Arena of the Farm Show Complex.

The first university-based performing folk ensemble in the United States takes its name from the tamburitza family of stringed instruments indigenous to the folk cultures of Southeastern Europe, especially in Yugoslavia.

The 40 scholarship students who make up the ensemble come from all walks of ethnic and religious backgrounds and are serious academic-minded student.

A Tamburitzan is a typical American college student with an exceptional amount of musical talent and enough ambition to make an unusual effort to secure a college education. A Tamburitzan sings a dozen different European languages.

The Tamburitzan performance is like a musical tour of Europe. Their 1-hour pageant, scheduled as an intermission during the draft horse hitched competition, will unfold in rapid-fire sequence weaving a musical fantasy.

Hundreds of brilliant costumes of the peasant folk pour forth in all colors of the rainbow, as authentic as research can make it.

The Tamburitzans have traveled thousands of miles throughout the continental United States and Canada, performing more than 80 concerts each season. Wherever they go, the group has been well received and honored for their expertise.

The primary intention of the Tamburitzans has been to present the music, songs and dances of the Eastern Europeans. However, in their 10 trips abroad, they added another dimension to their repertoire by presenting the songs, dances and music of the United States.

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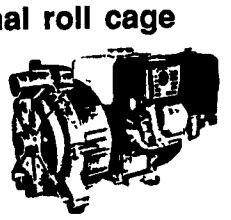

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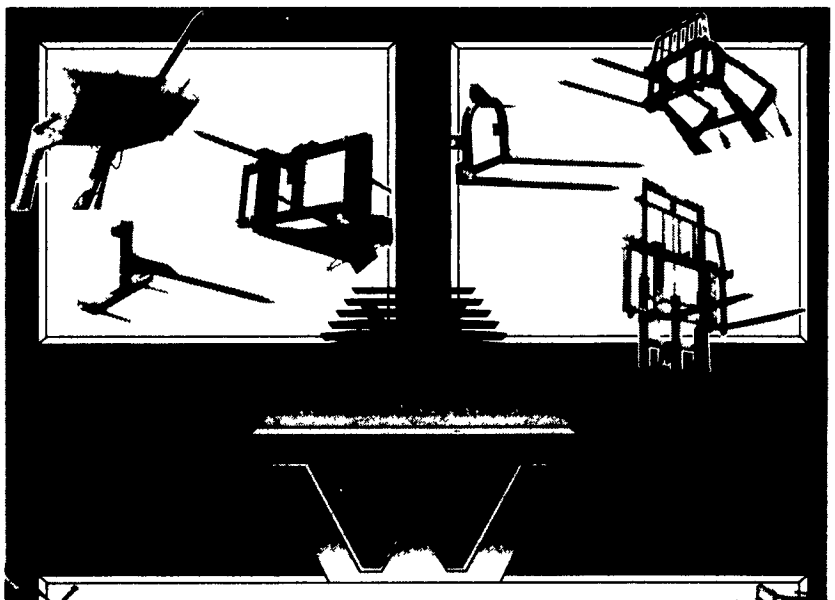

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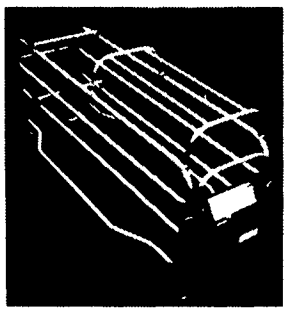

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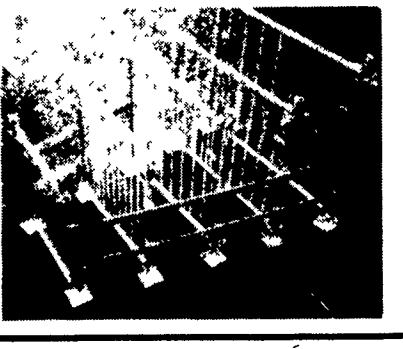

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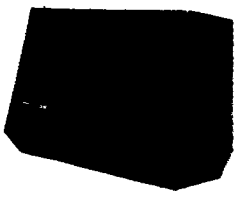

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Dewart Livestock Auction

Dewart, Pa.
Monday, December 30, 1991
Report Supplied by PDA

CATTLE 82...PDA...Compared with last weeks market: Slaughter cows uneven, about steady. Individual Select sl. steer 64.25, few Standard 54.25-57.00, few Utility 51.75-53.00. One Choice sl. heifer 61.25, couple Select Holsteins 53.50-55.00. Few Breaking Utility and Commercial slaughter cows 48.00-51.00, Cutter and Boning Utility 46.00-49.75, couple 54.50, Canner and Low Cutter 38.00-44.00, Shells down to 35.00. One Yield Grade No. 1, 1580 lbs. sl. bull 59.00.

CALVES 168...One Good vealer 85.00, few Utility 50/80 lbs. 40.00-60.00. FARM CALVES: No. 1, 90/125 lbs. Holstein bulls 110.00-152.50, one 155.00, No. 2, 80/120 lbs. 60.00-110.00; No.1, 85/110 lbs. Holstein heifers 70.00-135.00. Few beef cross 70/100 lbs. bulls and heifers 85.00-155.00.

HOGS 25...BARROWS & GILTS: Few lots 1-2 230/265 lbs. barrows and gilts 37.50-39.25. Few US 1-3 350/480 lbs. sows 26.75-29.00. Couple Boars 23.00.

FEEDER PIGS 82...US No. 1-3 20/35 lbs. feeder pigs 19.00-31.00 --- all per head.

SHEEP 5...Few Choice 95/110 lbs. wooled sl. lambs 49.00-52.00. - all cwt.

GOATS 0...No market test. - per head.

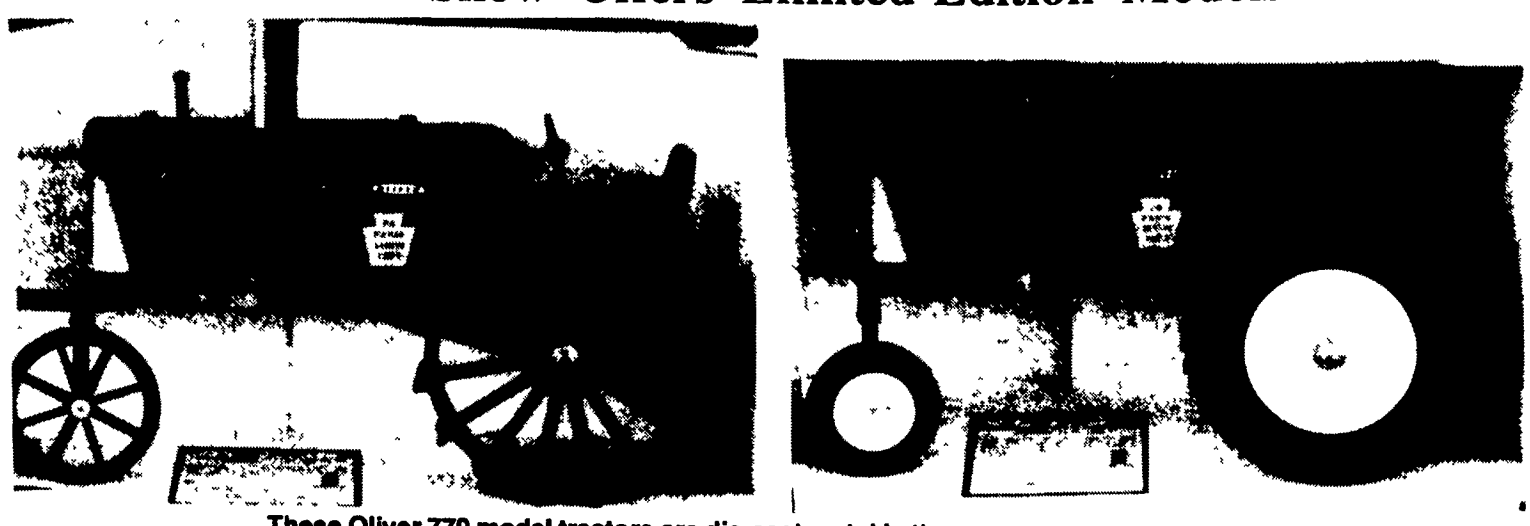
Farm And Home Foundation Banquet To Be Held January 21

LANCASTER (Lancaster Co.) — The Farm and Home Foundation will hold its 28th annual banquet on January 21, 6:30 p.m., at the Farm and Home Center auditorium.

The program will feature three former recipients of the Farm and Home scholarships: Martha Gregory, Phil Risser, and Leon Ressler. Musical entertainment will be provided by the CBC Quartet of the Congregational Bible Church.

Tickets are $14, which includes membership dues. For reservations, call Lancaster County Extension Office at (717) 394-6851 or the Farm and Home Center (717) 392-4911. Deadline for reservations is January 14.

Farm Show Offers Limited-Edition Models



These Oliver 770 model tractors are die-cast metal in the 1/16th scale. One-hundred models will feature steel wheels and 300 will have rubber tires. These and other models will be sold during the Farm Show on the lower concourse outside the main arena.

HARRISBURG (Dauphin Co.) — Limited edition commemorative models will be displayed and sold at the Pennsylvania Farm Show. The limited edition models cannot be purchased in advance and when supplies are sold out, the models will not be manufactured again.

Available is a model of a 1918 Ford runabout, which is a functional bank that includes a farm scene, special packaging, and "Limited Edition" cast on the hood. The 1,248 units will be sold for $18, which includes sales tax.

Winross trucks featuring the new International 8100 cab with a flatbed trailer will also be sold. Loaded on the trailer will be a small tractor and a billboard shaped like the state of Pennsylvania. The five different brands of tractors available are Ford, Case/IH, John Deere, Massey-Ferguson, and Deutz/Allis. The 1,600 models cost $45 including sales tax. Sales are limited to two for each adult buyer.

Large scale farm tractor Oliver 770 was made especially for the 1992 Farm Show. The $60 price tag includes the tractor with a Keystone emblem plus a collector's marking and special packaging. Three-hundred of the Olivers have rubber tires and 100 have steel wheels.

The limited edition models will be on sale Saturday and weekdays beginning at 8 a.m., and on Sunday beginning at noon. About 50 percent of the inventory will be sold on Saturday and Sunday with the balance in diminishing qualities as the week progresses.

Dave Nolt of Penn Dutch Promotions, said, "Based on the 1991 interest, persons may need to arrive before opening times to be sure to have an opportunity to purchase these models."

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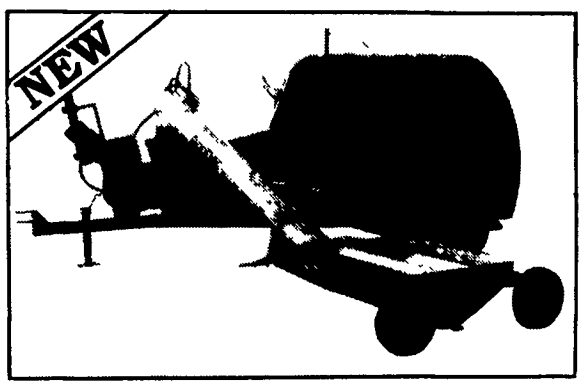

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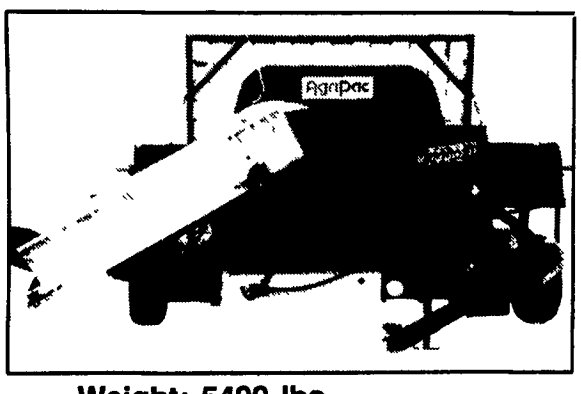
6', 8', 9' & 10' Baggers



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Public Auction Register
Closing Date Monday 5:00 P.M.
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MON. MAR 23 - 10:30AM, Dispersal of Bulk Potato Handling & Major Grain Systems Equip for Haury Farms. Located Stanley, NY (Midway Between Canadaigua & Geneva, NY). Pirrung Auct.

NOTE TO FEEDER PIG PRODUCERS

PA Dept. of Agriculture regulations require all feeder pigs moved in the state to be from a Pseudorabies Qualified Neg. Herd or monitored herd or be from a Pseudorabies free county.

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NOTE TO CONSIGNORS — All animals for the Wed Dairy Sale need PA health charts or T.B. and Blood Test results along with trucker when animals arrive at sale barn Tues. Your Vet can assist you with your health papers Calfhood Vacc., Breeding Dates, milk records or any shipping inoculations will be announced at ring side.

See additional consignments Page B38 this issue.

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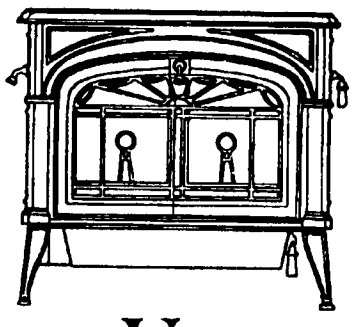

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PARTIAL LISTING OF EQUIPMENT

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HOUSEHOLD

This Georgian Colonial is loaded from cellar to attic with tools, furniture, some selected collectibles & antiques (however the families are keeping a few things).

GE freezer; Kenmore freezer; Sears dishwasher; 3 color TV's; tables, chairs, desks, bookcases; wood stove, bird cages, upright freezer, bed sets, water bed, **150 GALLON FISH TANK SALT OR FRESH;** old school desk; kitchen supplies; cabinets; stereos & much more.

NOTE:
SALE ORDER: *** **MACHINERY, TRACTORS & EQ. 10 A.M. SAT.**
*** **BARN EQUIPMENT & PRODUCE 12:30 SAT.**
*** **REAL ESTATE 1:30 SAT.**
*** **HOUSEHOLD CONTENTS & MISC.** to be sold after real estate approximately 6 P.M. under lighted heated tent. However, we are reserving right to sell household & misc. items Sunday the next morning if adviseable.

TERMS: Sale held regardless of weather. Inspection anytime or by appointment. Everything sold as is where is. Trucking & financing available. 10% buyers premium. Successful bidders on real estate will be required to make a 10% deposit sale day on unimproved parcels with like deposit due in 72 hours. On improved parcels bidders need 5% sale day and 5% in 72 hours. Balance due at closing 60 days clear title warranty deed.

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Youths' Woes, Worries

(Continued from Page A25)

school and temporarily to forget about job possibilities, tuition costs and all the other difficulties that go along with early adulthood and college.

Instead, for Farm Show Week, Ebling is to concentrate on showing market rabbits, sheep and hogs.

"I'll have five show rabbits and a meat pen. I had a meat pen last year, but I didn't do that well. I'm showing the Minilops again. The meat pen will be New Zealand's," he said Thursday after feeding and checking on his animals.

"I'll have a Montadale ewe market lamb," Ebling said of his sheep entry and in the market hog competitions, "I'll have a Hampshire-Duroc cross," he said.

Ebling bought the hog from the Bomgardners who showed the grand champion market hog last year. Ebling's animal is not a full brother or sister to last year's grand champ, but it is out of the Bomgardner lineage.

"Ever since I was 7, I started with the rabbits and after a few years with the rabbits I moved into the pigs. And then we inherited a flock of Montadales from my great uncle. Ever since then, I've been improving the Montadale and the Minilops have gotten better."

Though production agriculture has suffered through increasing overhead and diminished returns, Ebling is determined to find his niche.

"I chose being a vet because I enjoy being around the animals. When I become a vet, I plan to specialize in rabbits, sheep or both. I haven't decided if I want to be a small-animal or large-animal vet, but I'd enjoy either one. I just enjoy being around the animals," he said.

But even with a determined attitude and somewhat focused direction, Ebling isn't without his concerns.

"As far as specializing in sheep, I'd probably have to move into the Midwest, because the sheep industry is such that a sheep specialist wouldn't be needed around here," he said.

"I think that if a vet wanted to be a dairy specialist, there would be enough work around here, but as far as livestock (in general) goes, I think there are enough vets around here already.

"If someone wanted to specialize in large animals, he may be able to find work around here, but most likely he'd have to move," he said.

On the other hand, Ebling said he believes a small animal specialist could find work in the southcentral-southeastern portion of the state.

"A small animal vet could find work very easily," Ebling said. "People in the rural areas, in towns, developments, they all have pets.

"I work at Myerstown Animal Hospital right now and we're starting to see more rabbits come into the vets, and I don't think many vets know about rabbits because they are considered exotic. I think someone specializing in rabbits could find a job around here quite easily."

Though Ebling has obviously given some thought to his future, much of that is dropped from priority brain activity during Farm Show Week, he said.

"While your up there (at the Farm Show) and not in the show ring, sometimes your thoughts wonder to what you're missing in school that day. Different things," he said. "But as soon as it gets to two classes before your animal is to show, your mind goes to the show ring.

"You want to make sure the animal looks perfect, and you think about what goes on in the show ring. And when you're in the show ring, you basically think of two things, the judge and your animal.

"After you're done, you can usually walk around and enjoy the sights of the Farm Show and you're usually releived because the suspense isn't there anymore and you can relax and just enjoy yourself at the Farm Show."

Hay Success!

BRUCE LOYD
Washington Co. Agent

WASHINGTON (Washington Co.) — The hay auction that was started in Westmoreland County in November is off to a good start.

There has been a lot of interest from buyers and the number of sellers has increased every week. Both buyers and sellers seem satisfied with the auction so far.

Sampling every load and testing it with the Forage Testing Van at the Dec. 9 sale drew a great deal of interest, and prices correlated well with forage test results.

Success has allowed for dates to be set for future auctions at the Westmoreland County Fairgrounds. Each auction starts at 11 a.m., and sellers should plan to arrive by 10 a.m.

Samples are to be taken from all loads at each auction, but the testing van will only be onsite at the second auction of each month.

The dates set are Jan. 13, Jan. 27, Feb. 10, Feb. 24, March 9 and March 23.

For more information, contact a local extension office.

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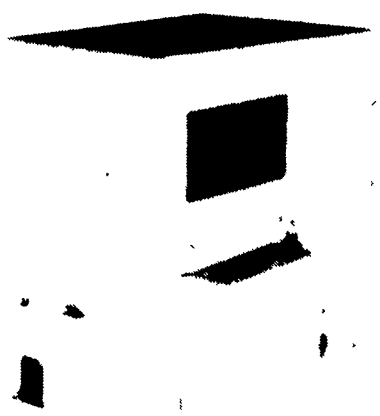

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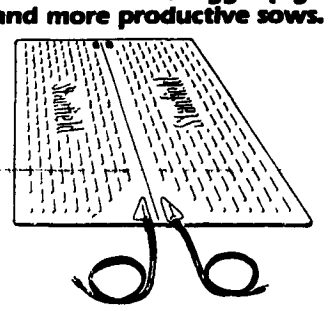

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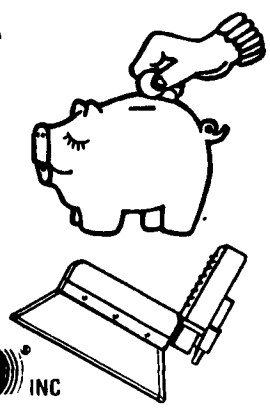

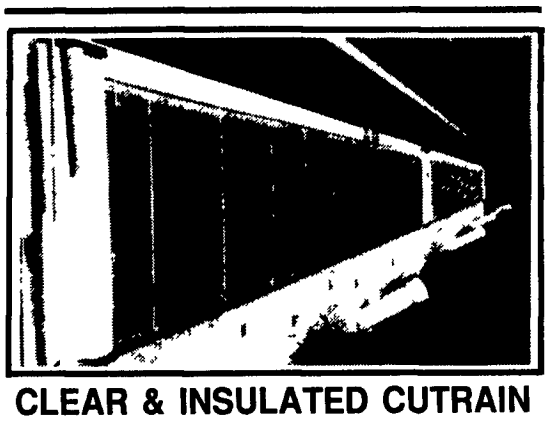

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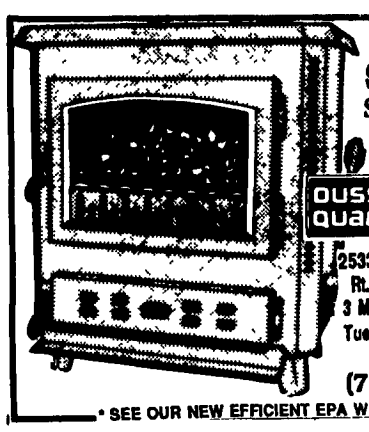

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TUESDAY, JANUARY 21, 1992
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MARBLE TOPS
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USED FURNITURE
3- Kneehole Desks; 1- Drysink; 1- Hutch.

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AIR TOOLS
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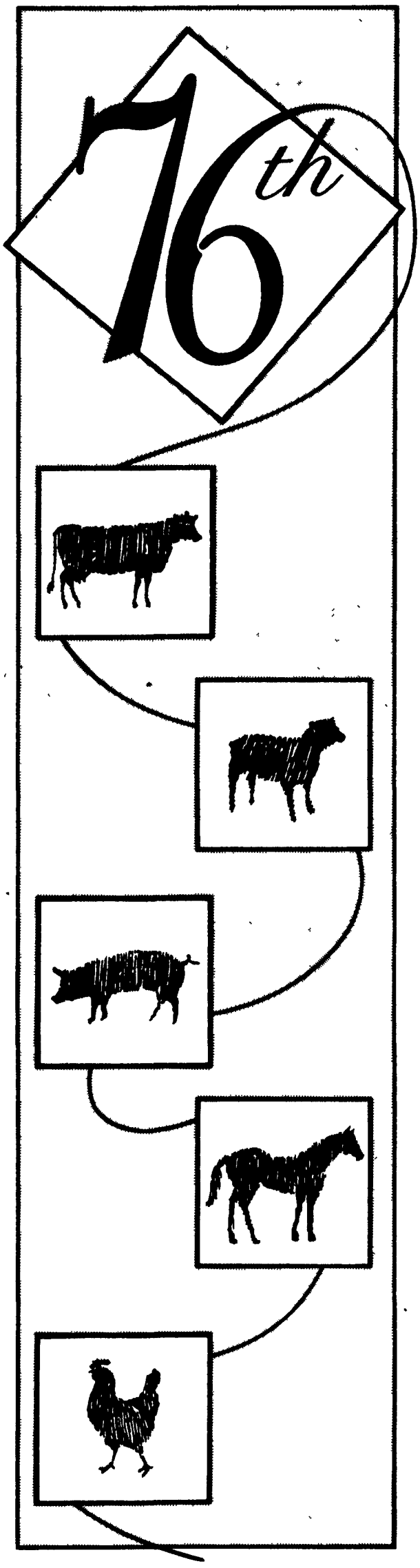

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JAN. 11-16

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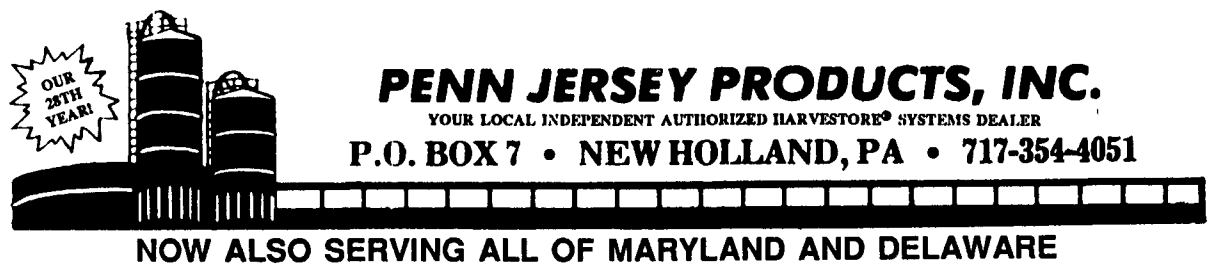

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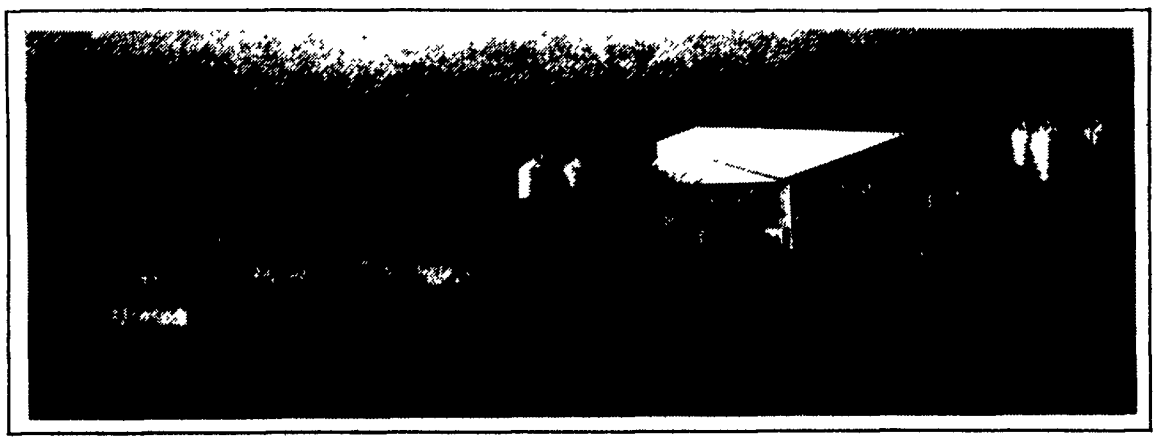

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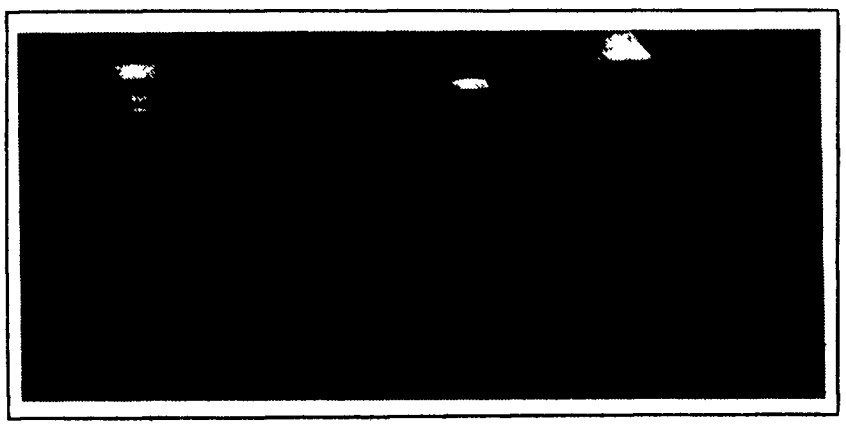

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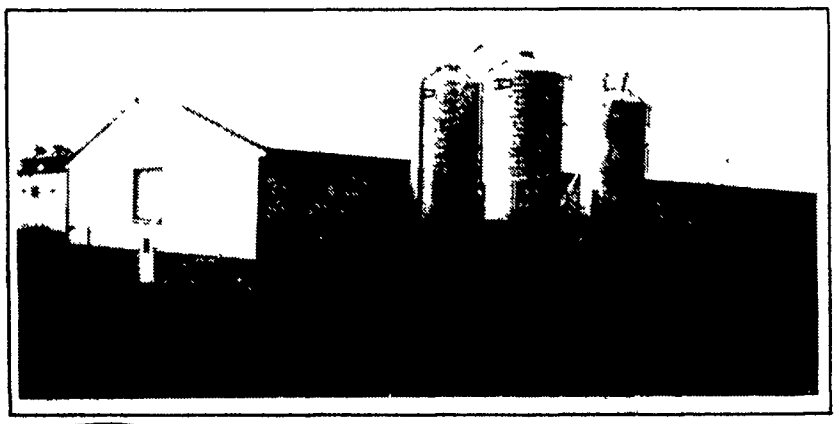

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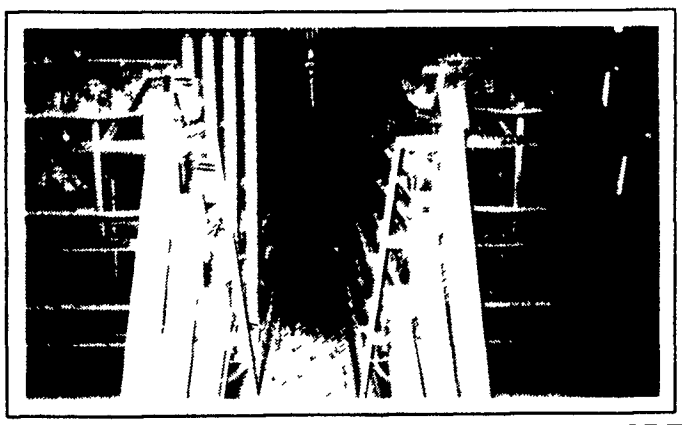

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Farm Women Cookbook Sales Soar

JOYCE BUPP
York Co. Correspondent

GLEN ROCK (York Co.) — One of the hottest-selling items around rural Pennsylvania is a cookbook.

In fact, the "Society of Farm Women of Pennsylvania Cookbook" has been in such demand that cookbook chairman Naomi Bupp is hard pressed to keep copies of the best-seller on hand.

Since its "unveiling" at the Farm Women's annual spring rally, 7,500 cookbooks have gone to buyers snatching up this uniquely-designed collection of family-tested recipes.

"Several hundred have been mailed out, as close as parts of York County and as far away as California," says Naomi, who continues to make frequent cookbook mail-out trips to the local post office.

"We have books in Washington, Idaho, Nevada, Colorado, Florida, Texas, and a lot to our neighboring states," she notes as only a partial listing from the records she maintains of mail-out orders.

Most of those orders, she adds, came on the heels of a LANCASTER FARMING article printed about the cookbook's unveiling at the Farm Women's spring rally last May.

"There are also cookbooks in England, France and Australia," Naomi smiles. "One traveler to Australia took them along as gifts to the hosts in the homes they were visiting.

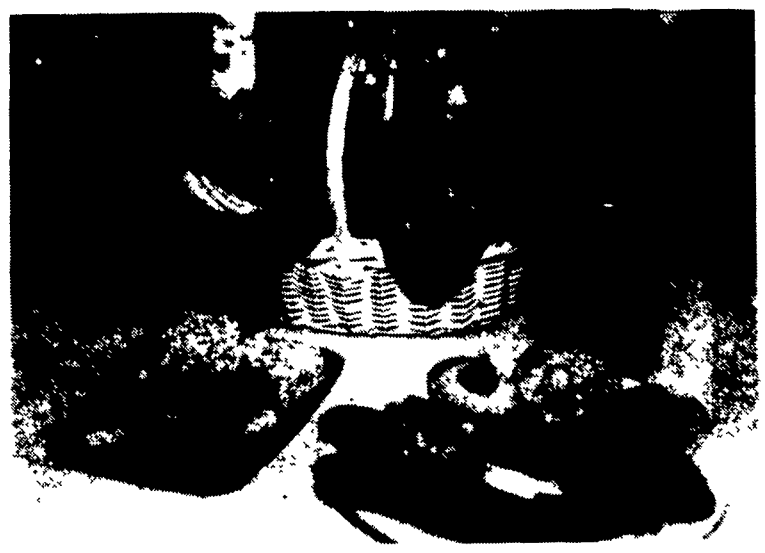
The popular publication was the brainchild of the York County farm woman, during her 1985-87 tenure as president of the state society. Each state president traditionally selects a special statewide service project as a focus of her three-year term. Sheer volume of recipes, and the intricacies of compiling a cookbook of this impressive size and scope, pushed the publication date beyond the end of Naomi's term and into late last spring.

Naomi determined from the beginning that the proceeds of the cookbook sales would go to the state society's Scholarship Fund. Four $500 scholarships are awarded annually to members' children and grandchildren majoring in home economics-home management fields, including culinary arts and hotel management.

During the annual meeting of the Pennsylvania Society of Farm Women, Naomi will present a check to the scholarship fund representing sales to date. That presentation will be made during the meeting business session, scheduled for the afternoon of Monday, January 13, at the Forum Building in downtown Harrisburg.

Not that the cookbook project was all a "piece of cake." More than 2,000 recipes were gathered from the Society's 4,000 members in 16 counties across the state. Sole requirement for a recipe's inclusion was that it contain at least one Pennsylvania-produced ingredient.

Martee Mentzer, Cumberland County; Catherine Schott, Lebanon County; and Louise Stauffer, Franklin County were part of the state cookbook committee that helped with sorting and categorizing the collection. Committee members Laurene Tate, Adams County; Dorothy Pule, Green County; and Arlene Weaver, Dauphin County; organized the youth recipes section. No one even tried to keep track of the hours involved.



The more than 2,000 recipes in the cookbook include many time-tested favorites for cookies, homemade candies and jellies.

When the recipes were ready for compilation into manuscript form, more volunteers took over, this time in the form of Pauline and Don Abott Thomas of Dallastown.

Pauline, a long-time member of York County Society, Group 2, typed and helped with editing nearly every recipe. Don, professional artist and retired chairman of the Art and Humanities Department at Dallastown Area High School, designed the layout, and the intricate artwork and dozens of illustrations which give this cookbook its unique and homey flavor.

In addition, scattered throughout the recipes and artwork in the book's more than 440 pages are several hundred thought-provoking and whimsical "folksy-sayings" - proverbs, maxims, and mini-poems.

The Thomas' volunteered to assist with the cookbook at a time when Don was recovering from spinal surgery and confined with strict physical limitations. The prospect of learning computer skills to combine his artistic talents with the recipes caught his imagination. Though initially reluctant, Pauline was persuaded to learn computer skills and both are now quite proficient on their five computers. Also lending a hand with typing recipes was Treva Stiles, a member of York County Society Group 18.

A heart attack extended Thomas' recovery period and the cookbook compilation schedule. Confined still, Thomas' recovery room became an office dedicated to "finishing the cookbook."

"The body was limited, but the mind, active and alive again, greeted each new day and often worked far into the early hours of the morning when sleep would not come," relates Don Abott Thomas in a note about the editors included in the back section of the cookbook.

Thomas illustrated a mythical "Florence the Farm Woman" as a theme through the book, depicting the myriad of farm and home chores which filled the busy days of traditional farm women. A friend of the Thomas family, Rita Marshall Starner, posed for many of his sketches. Background was a variety of actual York County farm settings, many of them close by the Thomas's Dallastown R3 home in the neighborhood of Red Front.

Divided into numerous topical sections, the 8-1/2-inch by 11-inch, spiral-bound cookbook encompasses almost every category imaginable of both traditional and more modern recipes from the kitchens of Farm Women members.

Scattered among every beige-tinted page of recipes are tidbits like "A new groom sweeps clean - and also washes the dishes," "Few things are more satisfying than seeing your children have teenagers of their own," and "You can't expect to make a place in the sun for yourself if you keep taking refuge under the family tree."

Illustrations of playful children romp through the cookies section, while cats chase across one page of pie recipes. Each section has lined, blank pages for adding family favorites.

The cookbook is dedicated to Naomi's mother, Gertrude Miller, who until her death was a member of York Society Group 11. Several of her favorite recipes are included in the cookbook.

Also in the collection is a recipe from the founder of the Pennsylvania Society of Farm Women, Flora S. Black, a farm woman who lived in Somerset County. Her "Canada's War Cake" was taken from a copy of the Pennsylvania Society of Farm Women's Bulletin, September, 1918; Mrs. Black was then president.

According to Naomi, some cookbook owners have told her it's the "neatest cookbook" they've ever seen. Mothers send checks asking to have copies sent to daughters in distant locations. And some have reported they keep it close by just to browse through in spare moments.

The Pennsylvania Society of Farm Women Cookbook is available from Naomi Bupp, Route 2, Box 157, Glen Rock, PA, 17327 at the cost of $15.00 plus $3.50 postage.

(Turn to Page B4)

Naomi Bupp dishes out a serving of Snitz and Knepp. The classic Pennsylvania Dutch dish of dried apples, ham, and dumplings is one of the many traditional recipes included in the Society of Farm Women's cookbook.

Don Abbot and Pauline Thomas learned computer skills to compile the Farm Women's recipes into manuscript form. Keeping them constant company during the three-year project was pet cat Kosh.

Homestead Notes

A COMMITMENT TO AGRICULTURE.

The Hamilton Bankwide Agricultural Team at the Vernon Umble Farm in southeastern Lancaster County (Front row - left to right) Branch Managers or Business Banking Officers Dennis Lefever, Quarryville, Robert Koch Richland-Robesonia, Robert Kline, Mt Joy, William Lancy Christiana Thomas Papp, Jr BBO Kutztown-Reading and Bradley Kline Red Lion (Missing - C Donald Wissler Jr BBO Quarryville) (Second row) The Agri-Finance Department Darvin Boyd Patricia Trout John Moose Karen Dinkel Roger Rohrer, Suzanne Oatman Jeffrey Troutman and Ted Bowers

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Farm Women Cookbook Sales Soar

(Continued from Page B2)

Canada's War Cake

This recipe is from Flora S. Black, founder of the Pennsylvania Society of Farm Women, and was taken from the Society's September 1919 Bulletin. It was submitted by Dorothy Brougher, 2nd Society, Somerset County.

2 cups brown sugar
2 cups hot water
2 tablespoons shortening
1 box raisins
1 teaspoon salt
1 teaspoon cloves
1 teaspoon cinnamon

Boil all these ingredients 5 minutes, after they bubble. When cold, add:

3½ cups flour
1 teaspoon baking soda dissolved in 1 teaspoon hot water

Bake in 2 loaves in slow oven. This cake is even better at the end of a week, or longer. It ripens as all fruit cakes.

Bread Pudding

A favorite recipe of Mrs. Harry (Gertrude) Miller, Group #11.

York County The Farm Women cookbook is dedicated to the late Mrs. Miller, mother of cookbook chairman, Naomi Bupp.

Combine:
¼ cup sugar
¼ teaspoon salt
¼ teaspoon cinnamon
½ teaspoon vanilla
2 tablespoons melted butter
1 egg, slightly beaten

Add:
2 cups milk (scalded and mix)
1 cup bread cubes (about 2 slices)
½ cup raisins

Mix thoroughly. Pour into well-buttered baking dish. Set into pan of warm water and bake at 350-degrees until an inserted knife comes out clean. 3 tablespoons cocoa and 3 tablespoons sugar mixed can be added to basic recipe, if desired.

Like many cookbook owners, Naomi enjoys browsing through the more than 400 pages of recipes interspersed with sayings of wit and wisdom and delightful illustrations.

Micro-Dome Preserver Recalled

UNIVERSITY PARK (Centre Co.)— The U.S. Consumer Product Safety Commission (CPSC) in cooperation with Micro-Dome of San Ramon, CA, recently warned consumers of certain safety hazards associated with the use of the "Micro-Dome Food Preserver" manufactured by Micro-Dome and sold and distributed to consumers after August 1987.

The CPSC urges consumers to destroy all food that has been preserved using a Micro-Dome Food Preserver, and to call 1-800-736-2320 for instructions on how to receive a $50 rebate for returning the food preserver.

The Micro-Dome Food Preserver is used in microwave ovens to preserve fruits, vegetables and prepared dishes. The appliance is a plastic container that can process one standard metal lidded canning jar at a time. Generally priced at $50, approximately 18,000 units were sold to customers.

Micro-Dome informed the Commission that the top of the plastic container may blow off in the microwave if the vent stem or safety release becomes plugged. The pressurized plastic container may also explode during or after removal from the microwave, or if the container is hit or dropped. Furthermore, the plastic container may also crack and/or develop lines (called crazing) that could increase the risk of explosion. Explosion of a pressurized Micro-Dome containing hot water and food could cause severe injuries such as blindness and burns from flying fragments and liquids.

NOTE: To report an unsafe consumer product or a product-related injury, consumers may call the U.S. Consumer Product Safety Commission's toll-free hotline at 1-800-638-2772.

If you are interested in learning more about safe preservation of food, contact the Penn State Cooperative Extension office in your county. The USDA "Complete Guide to Home Canning" ($6.00) and "How To Freeze Food The Right Way" ($1.50) are available for purchase. The Wayne County Extension Office is located in the basement of the original Courthouse, 925 Court Street, Honesdale, PA 18431 (phone 253-5970 ext 239).

Here's a simple formula for a glorious drink: float a scoop of peppermint ice cream in a tall, cool glass of chilled ginger ale. Garnish with a peppermint stick stirrer.

Milk production per cow 150 years ago was estimated at 1,500 quarts annually; today the average has leaped to more than 6,600 quarts per cow.

Confused About Cholesterol?

HARRISBURG (Dauphin Co.) — Are you confused about the conflicting advice on cholesterol?

Attend one of five lectures held during Farm Show to find out the truth about foods that cause and do not cause cholesterol problems.

Lecturers Ann Louise Gittleman, MS, former director of nutrition at the Pritikin Longevity Center, and Deba Gochenour, MEd., RD, community nutritionist with Harrisburg Hospital's Heart Center, promise, "Give us 60 minutes and we'll help you:"

- Improve your selection of foods to unclog heart arteries that cause high blood pressure, stroke, and heart attacks.
- Understand why the exclusive attention to a fat-free, high-grain diet may actually be creating the health problems that we are facing in the '90s.
- Realize that most health problems begin in the kitchen.
- Recognize that there is some confusion about dietary cholesterol and blood cholesterol.
- Remember that the food you eat today walks around with you tomorrow.
- Recall the vital information on "Good Fats" that can lower your cholesterol and reduce your risk of cardiovascular disease.

The lectures are free and are presented by the HealthCare Sciences Institute of the Harrisburg Area Community College and Wellness Fund.

The lectures will be held in classroom B on the second floor of the Farm Show Building on January 12 at 2 p.m.; January 13 at 10 a.m. and 2 p.m.; and January 15 at 10 a.m. and 2 p.m.

Ann Louise Gittleman

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On being a farm wife - And other hazards

Joyce Bupp

Few sensations can compare with that of a warm, sun-splashed spot on a freezing January morning.

The bad news is that a Caribbean island getaway was never penciled into this winter's scheduling. (Or any other winter for that matter!)

The good news is that we can step through a single door and bask in at least a small semblance of a sunny, springlike atmosphere.

Never is our little greenhouse a more welcome spot than now, in the heart of the freezin' season. And there are few endeavors which return so much to me personally for so little investment.

Little investment of time it is, too. In years past, when my days were more committed to raising a family and less to farm and outside pursuits, the greenhouse got more attention. I tried a greater variety of new plants and seeds, sometimes tedious greenery or flowering types that needed regular attention.

More recent years have whittled to plant variety down to tough stuff that can endure a constant lack of coddling. Plants that can withstand 40-degrees on bitter winter nights and tolerate the heat, humidity and occasional missed waterings when moved outside through stretches of July's worst.

Several varieties of ferns seem to thrive on this sort of plant lifestyle. Years ago a Boston fern came into my life from somewhere, took root, grew, and thrives with the tenacity of crabgrass.

In the space of a few months, a small section of the umpteenth generation of the original can grow a root system that fills a six-quart-size container and dangles would-be offspring out the sides. Come spring, the fern is rudely dumped out on its side on the basement porch and hacked into a couple of pieces with the biggest machete-like butcher knife in the kitchen. Planted to individual large pots, the sections race to see which can grow the fastest.

By fall, I'm dumping ferns onto every long-suffering friend whose arm can be twisted to take one.

Cyclamens come into their own this time of year, fragile-looking houseplants with heart-shaped leaves and butterfly-like blooms held high above the foliage on sturdy stems. While they often aren't long-lived under normal house conditions, cyclamens are fairly durable and seem to thrive in the cool humidity of the greenhouse and bloom for several weeks.

The first two of the season have been moved to the windowsill behind the kitchen sink, where we can enjoy their beauty, one blooming in a bright-fuschia shade, the other a pristine white.

A plant experiment spurred by The Farmer looks like it may soon bear fruit. Starting to turn color - finally - are a few Long-Keeper tomatoes. Clinging to straggly-looking vines, the tomatoes are a pale orange and will never turn bright red, even when ripe.

Long Keepers are bred to mature outside, then hold for many weeks in late-year storage while retaining a real-tomato flavor. The Farmer figured if they keep well on a cool shelf, they might hold even better if still on the stalk. Unfortunately, they were planted into their large plastic containers a little too late for any real success this winter; maybe we'll get the kinks ironed out with another try.

Kalanchoes in several bloom shades, geranimums of red and pink, assorted wax and foliage begonias, cactus - both crab and sharp-spined "desert" types - various ivy and vining plants all do well in our tiny glass-and-poly haven of fresh-smelling greenery.

And above spikes of slender foliage, tiny clusters of dainty white flowers burst open. These paperwhite narcissus, with their breathtaking fragrance, must be among the sweetest-smelling flowers of all time.

Though short-lived, their welcome, mid-winter blooming marks, like the new year, another beginning. Hours of daylight lengthen by miniscule moments, the sun climbs a tad higher each day, and another growing season is not that far away.

Gentlemen, start your seed catalog orders.

More Women Than Men Own Farmland

WASHINGTON, D.C. — Women make up the largest category of landlords who lease U.S. farmland, says economist Denise Rogers of USDA's Economic Research Service (ERS).

Female landlords number 650,000 and lease 105 million acres. They make up a larger group than male landlords, who number 506,000 and lease 82.5 million acres, or than men and women who jointly lease land, numbering 477,000 and leasing 74,760 acres.

Rogers and Ann Vandeman, another ERS economist, base these and other conclusions on The Agricultural Economics and Land Ownership Survey of 1988, a follow-up survey to the 1987 Census of Agriculture.

Rogers explains that some farm operators attempt to lower their financial risk by leasing rather than owning the land they farm. The amount of rented farmland increased by nearly 19 million acres since 1982, to 402 million in 1987. "Those who rent can easily expand their operations in one year and contract the next, using their capital to buy such necessities as machinery rather than land," she says in a recent issue of the Agriculture Department's FARMLINE magazine.

Landlords want to control production practices for two reasons: to realize the short-term gains from current production, and to preserve the long-term production potential of the land.

"Control" of farm operations includes various management decisions, such as selection of fertilizers and pesticides, cultivation practices, selection of crop varieties, harvesting practices, and the timing, location, and prices for the sale of commodities.

Women are less involved in the control of leased farmland. "Even when everything else is taken into consideration, such as age, location, and occupation, men still participated more in management of rented land," she observes.

Despite the disparity in control, however, the survey revealed only slight differences between male and female landlords. The average age for both groups is 60, with women slightly older. "Given the longer life expectancy for women, this age difference is consistent with the view that female agricultural landlords are often widowed farm wives," Rogers notes.

Most landlords have inherited land, women slightly more than men. Women's holdings are slightly larger than men's, and both lease out most of their acreage.

Rogers says that landlords who also farm some land themselves may be able to make more informed decisions on production practices and may be more likely to benefit financially from their involvement in their decisions.

More women than men rent out land on shares (leasing for a share of the crop and inputs, with the operator and landowner sharing the risk), as opposed to a fixed cash payment rental (where the operator assumes all of the risk). "We expect landlords who rent out land on shares to participate more in management because the returns to this activity would be higher," Rogers notes.

Nevertheless, women participate in management less than men. A possible explanation is that women's reasons for using share leases have more to do with ensuring that land stays within the family than with realizing higher returns from the land by retaining management control.

Rogers notes some regional differences in the roles of landlords on leased land. Landlords have a higher probability of involvement in the management of farms in the Midwest and West, compared with those in the South and Northeast.

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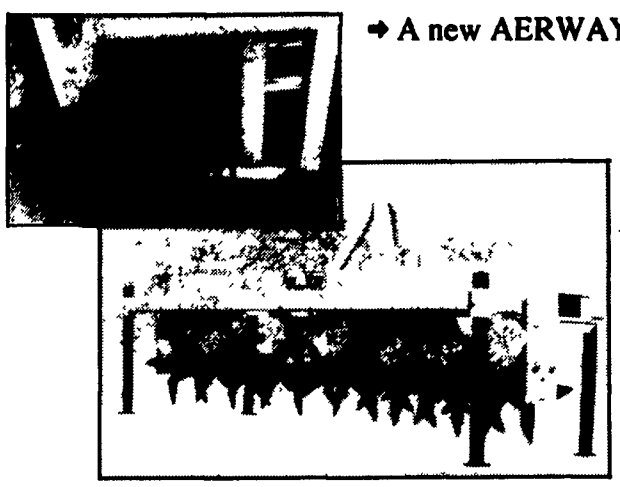

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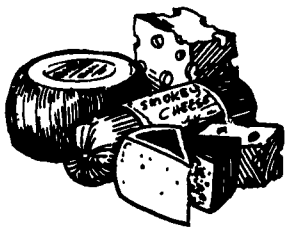

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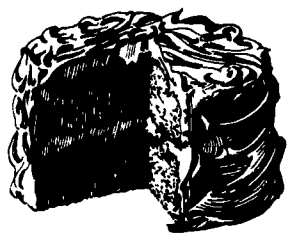

Slash Calories With These Easy Recipes

The holidays are past. It's time to end culinary over-indulgence and concentrate on lighter menus.

One easy way to shed those extra pounds gained during the holidays is to begin a plan that combines exercise with a sensible diet. Remember, don't cut out all foods simply because they have some fat in them. If they are nutritious, include them in your diet — but use moderation.

If you need help in choosing a diet, check with the dietitian of your local hospital. Your local library is a rich source as numerous cookbooks and nutritional guides are published and available.

Here are some guidelines to maintain a healthy diet that is lower in fat, saturated fat, and cholesterol.

• Eat more fruits, vegetables, whole-grain breads and cereals, which have less fat (particularly saturated fat) and no cholesterol.

• Choose vegetable oils such as canola, safflower, sunflower, corn and soybean oils. These have high amounts of polyunsaturated fatty acids and low levels of saturated fatty acids.

• Switch from hydrogenated margarine to one higher in polyunsaturates. Soft tub margarines made from corn, safflower or sunflower oils are the best choices.

• Choose skim or low-fat milk.

• Choose lean grades of meat and trim off visible fat. Prepare mixed dishes that combine meats with starchy foods, such as vegetable stews or pasta entrees.

• Limit serving sizes of meats, fish or poultry to 5 to 7 ounces a day.

• Bake, broil, steam or roast meat, fish or poultry instead of panfrying or deep frying. Basting with its own broth, flavored vinegar, lemon juice or tomato juice or even water will prevent drying and enhance taste.

• Choose fish and poultry (without the skin) more often. Try a new recipe using dried beans or peas for a change.

• For a sweet tooth, choose sorbet (fruit ice), sherbet or low-fat frozen yogurt instead of ice cream.

• When baking, substitute two egg whites for one egg for half of the eggs in a recipe. Limit egg yolks to one per serving.

• Cut down on commercially baked goods made with lard, coconut or palm oil and shortening.

• Choose low-fat cheese such as part-skim mozzarella and ricotta in place of regular varieties. For dips, try blenderized low-fat cottage cheese or nonfat yogurt instead of sour cream.

• Use a non-stick pan and vegetable oil pan-coating spray instead of butter, margarine or oil when sauteing, browning or frying foods.

• Lower the cholesterol content of many recipes by using two egg whites for one whole egg.

• Use one whole egg and two egg whites for omelets.

DIET PEANUT PUFFS

2 eggs
¼ cup natural peanut butter
2 teaspoons baking powder
2 tablespoons skim milk
1¼ cups crushed graham crackers
1 tablespoon liquid sugar substitute
¼ teaspoon salt

Beat eggs. Blend in remaining ingredients excluding milk. Add skim milk, one tablespoon at a time.

Drop by teaspoonful on baking sheet sprayed with non-stick cooking spray.

Bake at 350 degrees for 8 minutes.

Betty Light
Lebanon

DATE BARS

2 cups chopped dates
1 cup water
3 tablespoons fresh squeezed lemon juice
1 cup uncooked rolled oats
¾ cup flour
½ cup brown sugar
⅓ cup corn oil magarine
Vegetable cooking spray

Spray 9-inch square baking pan with non-stick spray and set aside.

Combine first 3 ingredients in a heavy saucepan. Bring to a boil. Reduce heat and simmer, stirring frequently until mixture thickens. Remove from heat and let cool.

Combine oats, flour, and brown sugar in a bowl, stir until mixed thoroughly. Cut in margarine with pastry blender until mixture resembles coarse meal.

Pat half of the oat mixture evenly into prepared pan. Spread date filling over oat layer and top with remaining oat mixture. Bake for 45 minutes. Cool completely in pan and cut into 24 bars. Serving size: 1 bar. Calories, 108; protein, 1 gram; carbohydrates, 20 grams; fats, 3 grams; polyunsaturated fat, 1 gram; sodium, 34 mg.; cholesterol, 0.

Quick chicken and noodles stir fry is a healthful, low calorie, low fat main dish that can be ready to serve in under 30 minutes.

BANANA WALNUT BARS

½ cup vegetable shortening
Juice of 1 small orange
2 teaspoons fresh grated orange zest
2 medium eggs
1 tablespoon low-fat yogurt
1½ cups mashed ripe bananas
1½ cups sifted flour
1 teaspoon baking soda
⅛ teaspoon salt
2 teaspoons cinnamon
½ cup chopped walnuts, English or black

Spray 13x9x2-inch baking pan with non-stick coating. Set aside.

In a large mixing bowl, cream shortening, orange juice, and zest. Add eggs, one at a time, continue beating. Add yogurt and bananas, continue to beat. Stir in dry ingredients, fold in walnuts.

Spread into prepared pan and bake for 35 to 40 minutes. Cool. Cut into desired size bars.

Betty Light
Lebanon

ITALIAN FLOUNDER

½ cup pizza sauce
2½ ounces sliced mushrooms, drained
1 tablespoon chopped green pepper
1 tablespoon chopped green onion
1 pound flounder fillets
Salt and pepper
½ cup shredded mozzarella cheese

Preheat oven to 350 degrees. Combine pizza sauce, mushrooms, green pepper and onion. Place fish in a single layer in well-buttered 13x9-inch pan. Sprinkle with salt and pepper. Spread sauce over fish. Bake, uncovered, 20 to 25 minutes or until fish flakes easily with a fork. Remove from oven and sprinkle with cheese. Return to oven just until cheese melts.

150 calories per serving.

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

January
11- Mushroom Ideas
18- Soups and Stews
25- Cooking With Rice
February **1-** Novel Ways To Use Cereal In Recipes

Featured Recipe

The Lebanon County Farm Women compiled more than 500 recipes in an attractive cookbook. The project was the brainchild of former Lebanon County Farm Women President Pauline Gundrum.

For a copy, send $8 plus $1.50 for shipping and handling to Rosene Bollinger, Millback Rd., RD1, Box 166, Newmanstown, PA 17073.

Recently Fern Hitz was elected president of the Society of Farm Women of Lebanon County. Fern has a hectic schedule so the recipe that she donated to the cookbook is a chicken casserole. It is great for busy days because it can be prepared ahead of time and refrigerated until ready to bake.

CHICKEN CASSEROLE

8 slices bread, crust removed
16 slices white American cheese
6 eggs
3½ cups milk
2 to 3 cups chicken, cubed

Grease 9x13-inch casserole. Line with bread. (Save crust for crumb topping). Top with 8 slices cheese, add chicken, and top with 8 more slices cheese. Beat eggs and milk together and pour over casserole. Top with crumbed bread crusts. Refrigerate overnight. Bake at 350 degrees for 45 minutes.

"Microwave Magic"

By:
Carol Stark

While most of us make meatballs out of hamburger below is a recipe for ham balls and sweet and sour ham balls.

SWEET & SOUR HAM BALLS

12 ounces ground pork
12 ounces ground ham
⅓ cup quick-cooking oats
3 tablespoons catsup
1 egg
1 tablespoon instant minced onion
1 teaspoon dried parsley flakes
1 teaspoon dry mustard

BAKING DISH - 12-inch square.

TIME AT HIGH - 7 minutes.

TIME AT 30 percent - 8 to 10 minutes.

In a medium bowl, thoroughly mix pork, ham, oats, ketchup, egg, onions, parsley and mustard. Shape into balls, and place in a baking dish. Cover with vented plastic wrap. Microwave at full power (HIGH) for 7 minutes giving dish a half turn once. Turn meatballs over and rearrange meatballs in center of dish to outside edge. Cover with vented plastic wrap. Microwave at (MEDIUM LOW) for 8 to 10 minutes or until meat is done when cut in center.

SWEET AND SOUR HAM BALLS

1-8 ounce can tomato sauce
½ cup packed brown sugar
½ cup red wine vinegar
¼ cup chopped onion
¼ cup chopped green pepper
2 tablespoons cornstarch
2 tablespoons cold water
1-8 ounce can pineapple chunks, drained
24 ham balls
Rice noodles or hot cooked rice

BAKING DISH - 2-quart

TIME AT HIGH (SAUCE) - 5 minutes

TIME AT HIGH (Cornstarch added) - 3 minutes

TIME AT 30 PERCENT - 10 minutes

In a casserole mix tomato sauce, brown sugar, wine vinegar, onion and green pepper. Cover. Microwave at full power (HIGH) for 5 minutes. Stir together cornstarch and cold water. Stir into casserole. Microwave, uncovered, at full power (HIGH) for 3 minutes. Stir in pineapple and ham balls. Cover. Microwave at (MEDIUM LOW) for 10 minutes or until heated through. Stir once and serve over rice noodles or hot cooked rice.

KIDS' TURN TO COOK

Hot dogs
Hot dog buns
Shredded Cheese
Chopped chilies
Corn Chips
Carrots and Celery
1 7½ ounce can chili with beans
Microwave cake mix
Fruit Drink

Buy the cheese already shredded and the chopped chilies in a can ready for toppings. Let everyone join in the fun of microwaving the cake mix in its own special pan from the package - it rises like magic! Microwave the chili dogs while the cake cools for dessert.

CHILI DOGS

1½ ounce can chili with beans
1 tablespoon catsup
¼ teaspoon Worcestershire sauce
¼ teaspoon prepared mustard
4 beef hot dogs
4 hot dog rolls
½ cup shredded process American cheese

1 QUART BOWL

TIME AT HIGH (CHILI) 2 minutes.

TIME AT HIGH (CHILI WITH HOT DOGS) 3½ to 4 minutes.

TIME AT HIGH (CHEESE ADDED) 1 minute.

In bowl combine chili, catsup, Worcestershire sauce, onion and mustard. Mix well. Cover with vented plastic wrap. Microwave at HIGH for 2 minutes. Place a white paper towel on a plate and place hot dogs in buns. Top with a second paper towel. Move chili to back corner of microwave oven. Place plate with hot dogs and microwave at full power (HIGH) for 3½ to 4 minutes. Remove paper towels. Spoon chili mixture onto hot dogs on serving plate. Top with cheese and microwave again at full power (HIGH) for 1 minute.

Clean carrots and celery and the kids have cooked the meal.

Who Cares About Teen Moms?

HARRISBURG (Dauphin Co.) — Did you know that in 1990, for each day in America, 1,295 teenagers gave birth; and those numbers are on the rise? Adolescent parenthood has been called a "syndrome of failure". Early parenthood often results in a failure to stay in school, to control family size, to enter the work force, and to create a good home for offspring. Parenthood is a demanding job for any person. For the teenager, it may be even more stressful, and place the teen mom at risk for financial, social, and emotional depression.

In a joint effort between Penn State Cooperative Extension in Dauphin County and Tri-County Big Brothers/Big Sisters, Inc., the 4-H Mentor Mother program will again be offered to Dauphin County residents. This volunteer program is designed to help teen moms meet their personal needs and develop their parenting styles. The goal of the 4-H Mentor Mother program is to help the teenage mother feel better about herself so that she can function more effectively as a person and mother. Volunteer mentors provide the teens with moral support, guidance in developing skills, and ideas to cope with the demands of being a teen parent. The teen moms receive individual time and attention from their volunteer mentors.

The program is recruiting volunteers who care about youths. A volunteer's commitment will be for one year, which includes an in depth one-day training, and monthly group meetings conducted by Penn State Cooperative Extension; as well as, spending time together with her teen mom between meetings. For more information and an application call: Tri-County Big Brothers/Big Sisters, Inc., 20 Taylor Blvd., Harrisburg, PA 17103, (717) 236-0199.

Spud News

The Maine potato crop dropped 10% from last year. New York was down 12%, while Pennsylvania growers face a 30% reduction under last year's crop.

Fall 1991 potato acreage for harvest was estimated at 1.18 million acres, 2% above the 1990 acreage. This represents the largest fall acreage since the 1940s.

Economists at the USDA are predicting that growers will not face the kind of disastrous price year experienced in 1985. Processed potato exports have surged worldwide over the past few years.

Ten years ago, Maine shippers washed only 10% of their potatoes — today 85% are washed.

As one Maine packer put it, "People don't want a bunch of dirt in their sink."

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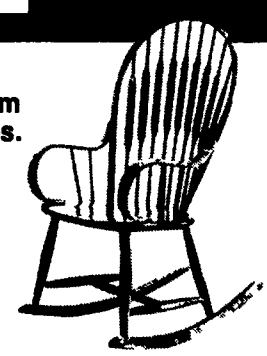

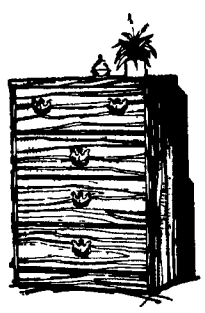

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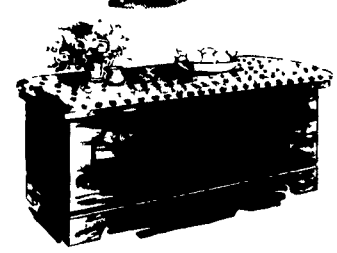

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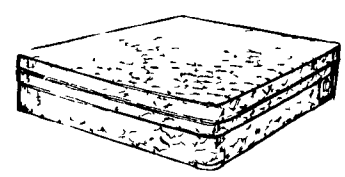

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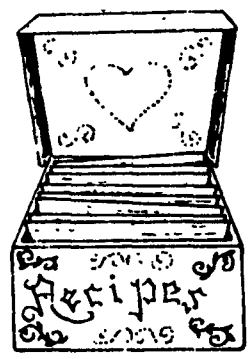

Cook's Question Corner

If you are looking for a recipe but can't find it, send your recipe request to Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — Marian Mosemann, Lehighton, would like jam and jelly recipes for ground cherries and for American persimmons.

QUESTION — James Everich, Allentown, N.J., would like a recipe for cheese stuffing.

QUESTION — Eva Burrell, Glen Gardner, N.J., would like help with the recipe called "Believe It or Not Bouncing Snowball bouquet." The recipe appeared several years ago in this column. It uses citric acid crystals and baking soda to make mothballs bounce in a centerpiece. Unfortunately, the recipe that Eva has does not work. I recall that some others reported difficulty with the recipe. Someone said the reason was that today's mothballs are missing an ingredient that was formerly in the old style. I think the solution was mailed to us, but I can't find the answer in our files. Does anyone know the solution?

QUESTION — Christine Rudolph, New Oxford, would like a recipe for pork bologna without beef. She would like the smoking temperatures and times, if possible.

QUESTION — Mrs. Norman Brown, Clemonten, N.J., would like to know where cracked wheat can be purchased. She said baking supply warehouses do not carry it. It's as hard as uncooked rice. Ground up, cracked wheat makes delicious cookies.

QUESTION — Carmen LaCava from Tabor, S.D., would like a recipe for chalk.

QUESTION — Rose Martin, Ephrata, would like a recipe for a dry mix similar to Bisquick buttermilk baking mix.

QUESTION — Loretta Kurtz, Allensville, would like to know how to dry apple slices that remain white for wreath decorations.

QUESTION — Marie Zawislak, Rahway, N.J., would like a recipe for Monkey Bread.

QUESTION — G. Snyder, Mechanicsburg, would like a recipe for Peanut Butter Nougats that taste like those made by Archway.

ANSWER — Janice Toleno, Allentown, N.J., wanted the recipe for pierogies that appeared in this column within the past two years. Thanks to a New Holland reader who sent this recipe.

Pierogies

Dough:
- ½ cup butter
- 1 cup cottage cheese, small curd
- 2 eggs
- 2 cups flour
- ½ teaspoon salt

Filling:
- 6 to 8 potatoes, cooked and mashed
- Salt and pepper to taste
- 2 tablespoons butter
- ¼ pound grated cheddar cheese

Mix dough ingredients to form dough. Roll out on floured board. Use a coffee cup to press out circles. Spoon 1 tablespoon filling on dough circle. Fold in half and dampen edges with water. Press edges together. Boil 1½ quarts with ½ teaspoon salt. Drop perogies into boiling water for 3 minutes. Saute pierogies in brown butter with onions. Makes 24.

ANSWER — Verna Judy, Middletown, wanted an address to send for fruit cakes from Texas. Thanks to Dorothy Keeny, Red Lion, for sending an address that she uses: Collin Street Bakery, 401 W. Seventh Ave., Corsicana, TX 75110 (903) 872-8111.

ANSWER — G. Snyder, Mechanicsburg, requested recipes for Cashew Nougats. Here is a recipe for nougats although the contributor doesn't know if they taste like the Archway brand.

Slash Calories

(Continued from Page B6)

QUICK CHICKEN AND NOODLES STIR FRY

- 6 boneless, skinless chicken thighs
- 1 quart water
- 1 teaspoon salt
- 2 packages (3 ounces each) chicken-flavored oriental soup
- ¼ cup canola oil
- 2 cloves garlic, minced
- 1 medium onion, sliced thin
- ⅔ cup thinly-sliced carrots
- 1 cup diagonally-cut celery
- 2 cups thinly-sliced cabbage
- ¼ cup chicken broth, warmed

Cut chicken into ½ -inch strips. In saucepan, place water and salt and bring to a boil over high heat. Add noodles (without flavor packets), stir to separate and cook about 2 minutes. Drain noodles and set aside. In large deep frypan or wok, place oil and heat to medium temperature. Add garlic and onion; stir fry until onion is clear, about 4 minutes. Increase heat to high and add chicken, continuing to stir fry until chicken is done, about 6 minutes. Push all ingredients to side of pan or wok and add in center of pan carrots, celery and both flavor packets. Stir and cook about 2 minutes. Add cabbage and mix all ingredients together; stir fry about 2 minutes more. Add cooked noodles and chicken broth, mixing well until heated through, about 2 more minutes. Serve immediately with wide, crisp oriental noodles as garnish. Makes 4 servings.

Calories, 200; 20 grams protein, 20 grams total fat, 2.5 grams saturated fat; 9 grams carbohydrates, 69 mg cholesterol; 738 milligrams sodium.

BLUEFISH SALAD SUPREME

- 2 cups poached bluefish (any leftover fish can be substituted)
- 2 tablespoons finely chopped onion
- 2 tablespoons finely chopped green pepper
- ½ cup salad oil
- ¼ cup wine vinegar
- ⅛ teaspoon garlic powder
- ¼ teaspoon oregano leaves
- 2 teaspoons parsely flakes
- Salt and pepper to taste
- ¼ cup sour cream

Remove skin and dark layer under skin. Cut bluefish into very small pieces. Put in a bowl; add all ingredients except sour cream; toss gently. Refrigerate until thoroughly chilled. Just before serving, stir in sour cream.

YOGURT BAKED CHICKEN

- 1 cup plain yogurt
- 1 tablespoon fresh lemon juice
- 1 tablespoon soy sauce
- ¾ tablespoon ground coriander
- ⅛ teaspoon curry powder
- ⅛ teaspoon pepper
- 2 whole chicken breasts, split and skinned

Combine yogurt, lemon juice, soy sauce, coriander, curry powder, and pepper in a 1½ -quart baking dish. Turn chicken breasts in sauce to coat all sides. Cover and marinate several hours or overnight in refrigerator. Preheat oven to 375 degrees. Bake chicken, uncovered, 40 to 45 minutes or until tender. Baste frequently with sauce. 180 calories per serving.

CHEESY TOMATO PIE

- Non-stick spray
- 2 slices whole wheat bread, shredded into crumbs
- ¼ pound fresh mushrooms, sliced
- 2 whole eggs and 4 egg whites, beaten
- 1 cup low-fat plain yogurt
- 1 cup part skim ricotta cheese
- ½ cup shredded cheddar cheese
- ½ cup chopped green onions, white and green parts
- ¼ cup canned salmon, drained and flaked
- 1 teaspoon dried basil leaves
- 1 teaspoon dried oregano leaves
- 2 medium tomatoes, cut into wedges

Preheat oven to 325 degrees. Spray 10-inch round baking dish with non-stick spray. Mix bread crumbs with small amount of egg mixture to moisten. Spread bread crumbs over bottom of baking dish. Spray non-stick skillet with non-stick spray. Heat over medium-high heat. Saute mushrooms about 1 to 2 minutes. Drain. Beat together eggs, yogurt, and ricotta cheese; stir in cheddar cheese, mushrooms, onions, salmon, basil, and oregano. Pour over bread crumbs. Top with tomato wedges. Bake at 325 degrees for 35 to 40 minutes or until a knife inserted near center comes out clean. 200 calories, 100 mg cholesterol, 9.7 grams fat.

HERBED GREEN BEANS

- 1 pound fresh green beans
- 2 tablespoons margarine
- ¾ cup chopped onion
- ¼ cup chopped celery
- ½ clove garlic, minced
- ¼ teaspoon dried rosemary, crushed
- ¼ teaspoon dried basil, crushed

Cook green beans, covered in a small amount of boiling salted water for 8 minutes; drain and set aside. Saute onion, celery, garlic, rosemary, and basil in margarine until vegetables are tender. Add green beans to saute pan, cover and cook over low heat until heated through.

Jobs Plentiful For Ag Graduates

UNIVERSITY PARK (Centre Co.)— College graduates with a strong background in agribusiness, food science, agricultual science or natural resources will have their pick of jobs in the 1990s.

"Because of the high demand for agricultual professionals, more students are showing an interest in all the agricultural majors," says Dr. James Mortensen, associate dean of resident education in Penn State's College of Agricultual Sciences. "Enrollment in the College is steadily climbing and increased by eight percent in the 1991-92 school year."

A projected 48,000 openings await approximately 43,500 graduates in agricultural majors each year, according to a study by the Cooperative State Research Service of the U.S. Department of Agriculture. Up to 11 percent of available jobs will remain unfilled or will be filled by graduates from other majors.

Most employment opportunities will be found in food science, marketing, merchandising and technical sales positions. Graduates with a background in agricultual economics, agricultwal business, dairy and animal science, food science, horticulture and other agricultural majors will secure most of these jobs. Those seeking careers as scientists or engineers also will find a promising job market.

"A greater emphasis on environmental issues means more opportunities for students interested in soil and water conservation, wildlife and fisheries science and forest science," says Dr. William Henson, coordinator of graduate student recruitment in Penn State's College of Agricultural Sciences. "Over the past few years, enrollment in the College's environmental resource management major has nearly doubled."

Women, minorities and students from non-farm backgrounds are among the increasing numbers enrolling in agricultural colleges nationwide. Only about 15 percent of the students now enrolled in Penn State's 20 agricultural majors come from farms.

Purnell Dressler, a junior majoring in environmental resource management, came from a rural, non-farm home. "I changed my major from civil engineering to ERM because I find it more interesting, and there are good job opportunities," says Dressler. "I hope to work as a consultant for the Environmental Protection Agency when I graduate."

Some individuals with agricultual degrees will face a more competitive job market. Those seeking work in communication, education and agricultural production may have a longer wait before landing the job of their dreams but should not get discouraged.

"Students interested in these majors may want to supplement their studies with business, science or environmental courses," says Dr. Marianne Houser, coordinator of undergraduate recruitment in Penn State's College of Agricultural Sciences.

Individuals with communications degrees and specialized knowledge can find positions as science writers and editors. Graduates in agricultural education with skills in science and business can work as technical consultants and in-house trainers.

Those with degrees in agricultural production accompanied by marketing or finance skills can find positions in fast-growing production businesses such as commercial horticulture and turf operations.

Companies recruiting agricultural majors include Continental Grain, Monsanto, Procter & Gamble, Excel, Dow-Elanco, Oscar Mayer, DeKalb, Merck & Co., Halliburton, Kellogg, Frito Lay, General Mills and General Foods.

Cashew Nougats

- ½ cup honey
- 2 cups sugar
- ¼ cup water
- 2 stiffly beaten egg whites
- ⅛ teaspoon salt
- ¾ cup chopped cashews, unsalted

Combine honey, sugar, and water. Cook to hard ball stage or 258 degrees on a candy thermometer.

Beat egg whites with salt until stiff. Add syrup gradually, beating constantly until it stands up in peaks.

Spread in greased shallow square pan. Top with cashews. Cool and cut in rectangular pieces. Makes about 24 pieces.

Be A Better Day-Care Provider

CLEARFIELD (Clearfield Co.) — Establishing rapport with parents, and dealing with inappropriate behavior problems will be featured at the December 9 workshop "Communicating With Parents, Dealing With Tough Situations." The workshop will be held in the restaurant/dining area of the Clearfield County Vo-Tech School, from 7 to 9 p.m.

The workshop will help day care providers and others who work with young children to establish rapport and ongoing communication with parents. Sharing the good behavior as well as the misbehavior is beneficial to both the provider and the child's parent. Ways to foster ongoing sharing will be discussed.

Every day care provider has to deal with tough situations, such as biting, hitting, and other inappropriate behavior problems. Strategies to manage such behavior after it has occurred will be shared, as well as policies that reduce such behavior problems will be discussed. The importance of policies will be stressed to ease communication between provider and parents.

"Communicating With Parents and Dealing With Tough Situations" is sponsored by the Penn State Cooperative Extension in Clearfield and Jefferson counties. The workshop is prepared for family day care providers; however the content is appropriate for others working with young children: preschool personnel, church school teachers, and parents.

There is no fee for the workshop, but interested persons need to register by calling either Andrea Bressler at 765-7878, or Nancy Covert at 849-7361. We'll need your name, address and phone number.

This workshop is the eighth in a series of 10 training sessions for family day care providers, and is the last workshop until 1992. Questions may be answered by calling the Clearfield County office at 765-7878.

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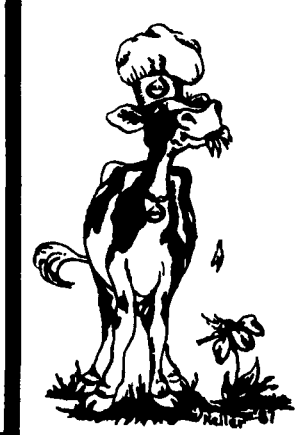
Results Are In: June Dairy Promotions Successful

SYRACUSE, N.Y.— The American Dairy Association and Dairy Council's (ADADC) June Dairy Month (JDM) promotions resulted in increased dairy product sales. ADADC reports that one supermarket chain using June Dairy Month point-of-purchase (POP) materials sold an additional 27,100 pounds of cheese, with an average price of $2.75, during June. This represents a return of $17.57 for every dollar invested by dairy producers for the promotion of dairy products.

Eighty percent of the marketplace was reached through the placement of June Dairy Month point-of-purchase materials in supermarkets. According to Michele Martens, director of advertising and promotion, "ADADC's placement goal was exceeded by 10 percent."

Forty-seven percent of the supermarket chains utilizing ADADC's June Dairy Month point-of-purchase materials also used the JDM clip art in newspaper store ads featuring dairy products. Additionally, ADADC's goal of reaching the wholesale market was exceeded by 30 percent.

Approximately 79 percent of the independent supermarkets in ADADC's marketing area also used June Dairy Month clip art in their newspaper ads featuring dairy products, maximizing newspaper ad coverage during the JDM promotion period.



Kid's Korner

All set for the Pennsylvania Farm Show are (from left) Corey, Lisa, and Kevin Pfautz and their crossbreed hogs. Although this is the first time the Pfautzes will compete at the state farm show, they are not novices in showing since they have won numerous awards at county fairs.

Pfautz Kids: All Set For Pennsylvania Farm Show

LOU ANN GOOD
Lancaster Farming Staff

EPHRATA (Lancaster Co.) — Cory, Lisa, and Kevin Pfautz, have been making plans all year to take their pigs to the Pennsylvania Farm Show. More than 5,000 animals will be shown at the Farm Show, which is the largest indoor agricultural exposition in the country and it's free!

Although the Farm Show starts January 11, the pigs will travel by truck to the Show on January 14. After a beauty touchup that includes washing, trimming, and brushing, the pigs will strut before the judge on January 15 to compete against swine considered the best in the state.

If the pigs impress the judges and place high enough, they are eligible to be sold at the junior market swine sale held on Thursday, January 16.

The Pfautz family has been showing pigs at many competitions throughout the area. This year, they raised 52 hogs. Corey, who is now 13, was only nine years old when he first started showing.

He said that his dad, Rick, got him interested in pigs. When his dad was in FFA during his high school years, he had started showing and continued raising purebred Durocs when the kids were little.

When Corey was old enough to join 4-H, he began raising Durocs and crossbreeds. It took about four years experience for Corey to capture one of the top ribbons during competition. That happened at the 4-H County Roundup, when his pig was named reserve champion. This fall, Corey's pig was named grand champion at the Ephrata Fair. His 10-year-old sister, Lisa, showed the reserve champion. Lisa also got a reserve champion at the Manheim Fair.

Although the kids' dad has a lot of experience with taking care of prize-winning swine, he refuses to do the work for them. He said, "I hate seeing parents getting their kid's hog ready to show. I taught my kids how to do their own fitting. I tell my kids, 'When you win, you'll will know that you did it yourself.'"

Nine-year-old Keven wrinkles up his nose when he talks about scrubbing his pig's ears, but he admits that the dirty business has paid off. In his first year of showing pigs, Kevin placed first in fitting — a rare accomplishment for a first year exhibitor.

Kevin also had a first placing and showed the lightweight champion at the Ephrata Fair.

Now, those pigs have gone to market, and the Pfautzes have chosen new pigs to take to the state Farm Show.

The family lives in Lititz. Since they do not live on a farm, they keep their hogs on their grandparents' farm along Route 222 in Ephrata.

The pigs are about 8 to 10 weeks old, when the Pfautz family buys them from reputable breeders. At that point, the kids chose which pigs they will call their own.

"It's hard to pick out a winner because they change a lot as they get older," Corey said. "Sometimes a pig can look really good when it's small but then it will stop growing or it will walk funny."

Corey said that he had a big disappointment this year. He had picked out a pig that looked in really good shape, but when she got older, she got lame," he said.

The siblings and about 75 other kids meet with 4-H club leader Kerry Boyd about once a month for meetings.

A valued part of 4-H training is keeping good records. But all the siblings agreed that, "The record book gets to be a pain."

Although Corey likes Durocs the best, he said that the family seems to do better showing crossbreeds. At the Farm Show, Lisa will show a purebred Hampshire; Corey will show a spotted Duroc Cross, and Kevin will show a three-way cross.

Whether or not the pigs are winners will be for the judge to decide, but the Pfautz siblings are doing everything they can to turn their pig into a contest beauty.

It takes an early diet of medicated high protein feed. Lots of water, proper ventilation, and lots of exercise.

Several days a week, the children take the pigs for a run in the field. They need not worry about the pigs running away because the pigs prefer the barn more than open fields.

The children work together to keep the barn clean. "If you keep the straw clean, the pigs don't get so dirty," Corey said.

The Pfautzes are taking enough water along to give to their show pigs. "They don't like chorine water because it smells funny," Rick said.

According to Corey, the pigs usually are more cooperative in the show ring if they are partially fed before show time. "If they are too hungry they won't cooperate, but if they are filled out from eating, then the pigs' shoulders do not look as big as most judges prefer.

The children split the profit on the pigs. If they are lucky enough to show a champion or a grand champion, they get to keep the extra dollars.

Readers Write

Dear Readers,

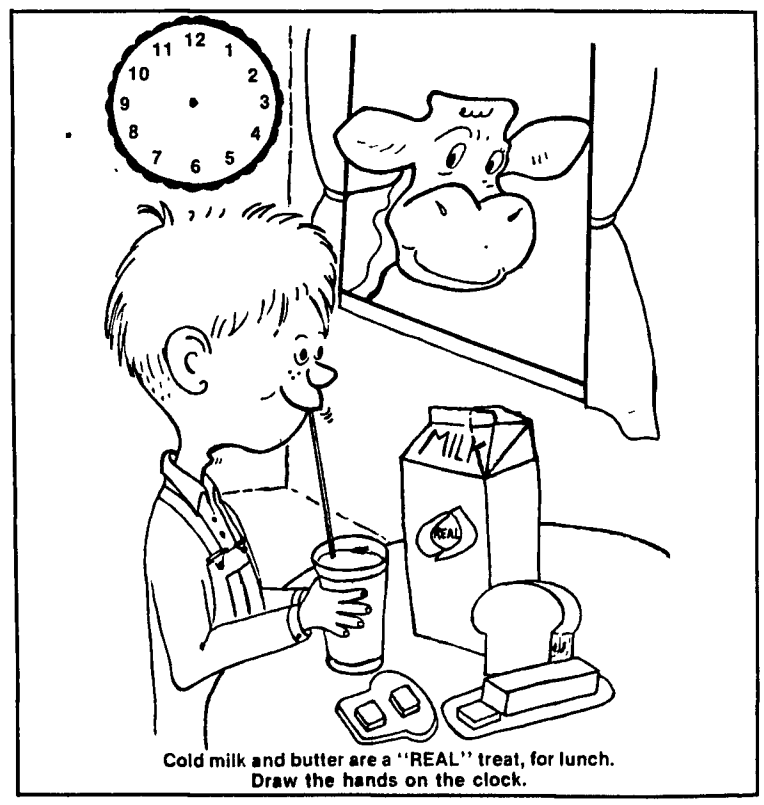
I am 10 years old and live on a small farm in Berks County. My birthday is June 16. I have 1 brother and 2 sisters, Dennis, 13; Darlene, 7; and Sheryl, 18 months. My daddy works at Rigidply Rafters. Grandpa has 35 heifers in our barn. We children each have a heifer that we are raising. We gave them milk from a bucket when they were little.

I love school and my teacher.

My hobbies are reading books and baking. I like Kids Korner.

My grandpa is a minister. I am thankful that we can go to church.

Michele Lehman
Myerstown



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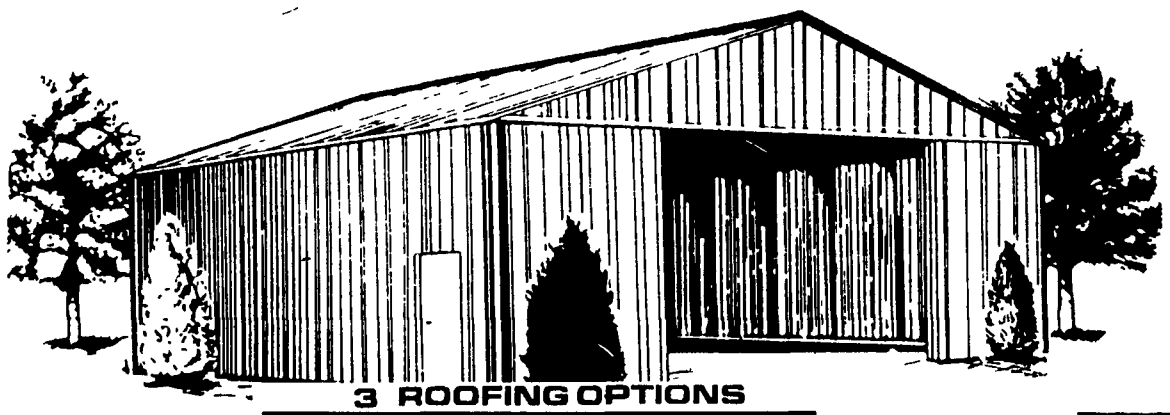

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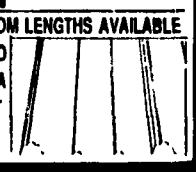

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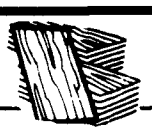

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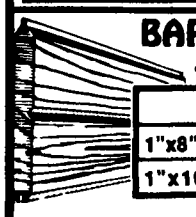

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Fern Hitz reviews the Lebanon County Farm Women Cookbook compiled by 380 members from 21 Lebanon County societies. Despite Fern's protests that she was 'railroaded' into Farm Women membership and the presidency, Fern said that she is proud to be a member and has never regretted it.

Fern Hitz 'Railroaded' Into Farm Women Presidency

LOU ANN GOOD
Lancaster Farming Staff

LEBANON (Lebanon Co.) — "I got railroaded into Farm Women membership and I got railroaded into being president," claims Lebanon County Farm Women president Fern Hitz.

According to Fern, she attended her first Farm Women Society meeting about 19 years ago. "I didn't want to join because I still had young children at home. I wanted to wait until they were older," Fern said. "But the members insisted that they were going to make me a member that night — and they did."

Within two years, Fern was representing her society at county board meetings and moving up the ranks of the Society of Farm Women, a state organization that promotes love for farm, family, country, and community.

Last year, Fern was county treasurer of the group. Ordinarily, the first and second vice president serve two-year terms before being promoted to president. But when illness prevented that move from happening in Lebanon County, Farm Women members elected Fern to the president position.

"I didn't think I was ready," Fern said. "But like I said, 'they railroaded me.'"

Despite Fern's protests, she is proud to be a Farm Women member.

"I like the camaraderie and the members are always ready to help you. They are a good gang," Fern said.

"The good gang" is 380 members in 21 societies in Lebanon County.

Members not only help each other but also those hurting in the community. Recently, members donated $800 to Cedar Haven, a nursing home, and another $800 to a boy injured in a train accident.

"Farm Women help so many people," Fern said. "Farmers are more willing to help than many other organizations."

Fern grew up on a farm near Richland. "I worked hard on the farm because we raised tobacco," she said. "I always enjoyed milking, but I was really in my glory when driving tractor," she said.

She was disappointed when her husband needed to give up farming because of health problems.

Now, she helps her husband, Russel, with his ag supply business, Independent Buyers Association.

"I would have liked to stay in farming, but this is as close as you can get to farming and I enjoy this too," Fern said.

Fern describes herself as "the kind who just can't sit and do nothing."

The Hitz's spacious ranch home is filled with Fern's handiworks. It is decorated with her quilt hangings, woven baskets, cross stitching, crewel work — "You name it, I do it, except for painting," Fern said.

Fern and her husband are avid antique and collectible buyers that frequent auctions and sales. Her husband refinishes and restores many pieces.

(Turn to Page B14)

As president of the Lebanon County Societies, Fern Hitz still finds time to make wall hangings, baskets, and almost every imaginable craft. "I'm the kind that can't sit and do nothing," Fern said.

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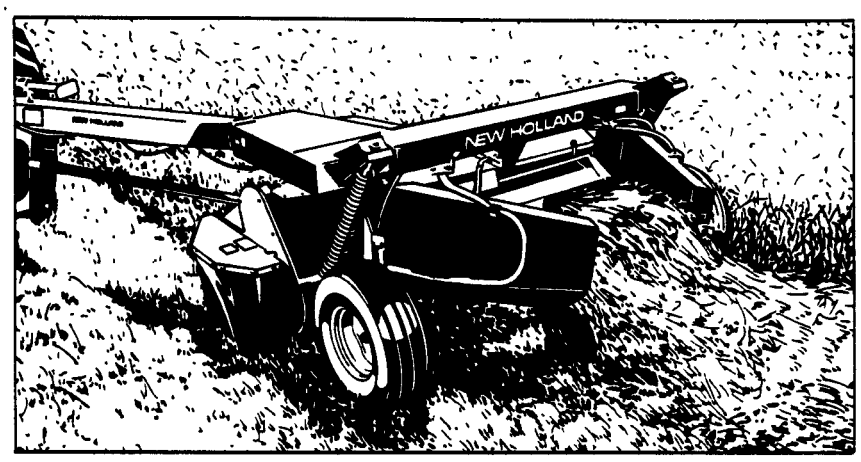

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166		1085	
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Mower	650		28
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442	853	570	
452	855	575	
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Teen Wins Scholarship For 'Throwaway' Dog Care

COLLEGE PARK, Md. — The "throwaway" dogs of Frederick County have a friend in Jen Horman. The 16-year-old 4-H member from Feagaville has turned her 4-H dog care project into an act of love, dedication and community service.

In addition to caring for the three dogs on her family's 60-acre sheep and horse farm, Jen volunteers at the Frederick County Animal Shelter and serves as a foster-care "parent" for abandoned bitches (female dogs) and their newborn litters. She is literally and figuratively giving these dogs — especially the puppies — a new lease on life.

"Maryland law requires puppies to be eight weeks old for adoption," Jen explains. "Younger puppies taken to an animal shelter are put to sleep. I take these puppies and care for and train them until they are old enough to be adopted."

She has handled several unusual canine-care cases as part of her project. One involved a litter of three-day-old Beagle pups and their mother. Two of the puppies had to be separated from the litter temporarily because they developed distemper two weeks after she received them. Jen administered pills and liquid medication to the sick puppies twice a day and fed them with a stomach tube four times a day because they were too weak to nurse.

"This was my first experience stomach tubing something smaller than a lamb," says Jen. "With my mom's help, I made my own puppy stomach tube out of a male catheter and a 60 cc. syringe. It worked just fine."

Jen's project benefits more than the canines she cares for. It also contributes to the happiness and well being of other county residents.

For example, Jen takes puppies to five nursing homes in Frederick County for the residents to enjoy. She also provides a "hiding place" for canine Christmas presents.

Animal shelter policy forbids the adoption of dogs or cats during the week before and after Christmas. This prevents impulse adoption at the last minute and gives people time to consider all the ramifications of pet care.

Jen cares for gift dogs for a week or so before Christmas, then turns them over up to their new owners. Her most memorable pre-Christmas "pet sitting" experience, she says, involved a puppy chosen by a woman as a companion for her retarded adult brother.

"It was such a smart little pup that I had it housebroken before it was picked up," recalls Jen. "The woman was so appreciative of my taking care of the puppy that she sent me a picture of her brother and the puppy on Christmas Day."

Not every story has such a happy ending, but Jen has learned to take the disappointments of her work with the shelter in stride.

"I understand that homes cannot always be found for every animal. This is a simple fact of life," she says. "At first, I thought it was awful to put animals to sleep that were healthy. Now I have come to realize that it is not the quantity of time an animal has, but rather the quality of time. At the animal shelter, all animals are bathed, groomed, fed and given a chance for adoption. How much better than to be abandoned on some back road to starve to death."

Jen was recently recognized for her work on the national 4-H dog care and training program with a $1,500 educational scholarship from the Ralston Purina Company, Purina Dog Foods Group. She was one of six 4-H members selected by the Cooperative Extension System to receive dog care and training scholarships. The awards were arranged by National 4-H Council and presented at the 70th National 4-H Congress in Chicago, December 7 to 11.

Fern Hitz

(Continued from Page B12)

As a couple, this hobby sometimes gets confusing for auctioneers. Fern tells of the time that an auctioneer wouldn't take her bid. She was frustrated until she discovered that her husband was bidding on the other side of the room. Another time, her husband stopped bidding and Fern started bidding until she got it.

Although Fern is no longer part of the county 4-H board like she was for six years, she said, "Come Fair time and I'm there. I help with the barbecue, 4-H auction, and other things."

She plays piano and was a former organist for her church. The Hitzes have a combined family of five children and four great grandchildren.

The couple has traveled to Switzerland, Italy, Austria, Germany, and Jamaica.

"Maybe when he (husband) retires in two years we will go to Australia or Alaska," Fern said. "But I have so many things that I want to do. I have so many crafts in my head that I want to do and reading too."

Fern pointed to a rocker and said, "No one is allowed to sit in this chair unless they do cross stitching or quilting."

It's the spot Fern reserves for herself whenever she has a few moments. It's the place where she contemplates how she became a Farm Women member and how she can help the group become better organized and even more close knit.

"The younger women often think they are too busy to become members," Fern said. "There is so much going on."

Fern is familiar with those thoughts. She remembers how she was "railroaded" into membership. "It's a fun group," she said. "I don't regret that I've been railroaded."

Caregivers Support Group

YORK (York Co.) — Are you responsible for the care of an elderly spouse, or a member of the "sandwiched generation" who is responsible for the care of aging parents and your own children? The over 85 age group is the fastest growing group which means more and more older people require some form of care in later years.

Most of the care is being provided by family members, particularly by daughters and daughters-in-law who often times have their own children to care for.

Stress on caregivers is great. Psychologists say that talking is the best way to handle these stresses. This can be done through a Caregivers Support Group.

Such a support group will start on January 14, 7:00 p.m. at Penn State Cooperative Extension, 112 Pleasant Acres Road, York in meeting Room #3 of the County Departments Building.

Clara Long, associate professor, Department of Nursing will be the group facilitator. Interested persons should call (717) 757-9657.

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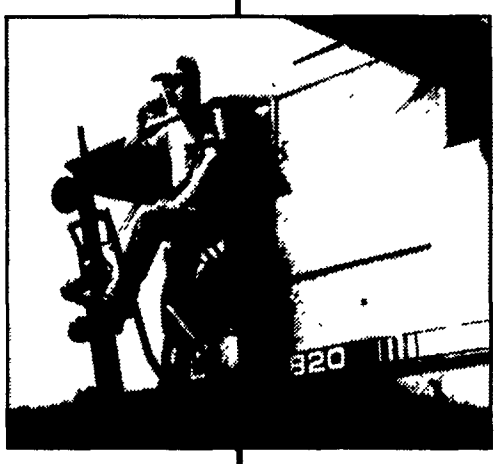

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By Doris Thomas
Lancaster Extension
Home Economist

KID'S CEREAL: BENEFICIAL BREAKFAST OR SWEET SNACK?

Steering a steady course down the supermarket cereal aisle can be a very stressful experience for both parent and child. The array of children's cereals these days is enormous.

Promises of health benefits are boldly stated on the boxes, each one more convincing than the one before. Pledges are made that kids will love the great taste and breakfast cereal fun. Agreeing on which cereals to choose for good nutrition and taste at the right price is not an easy task.

Consider these suggestions the next time you make your way down the cereal aisle:

*Read the label. The label on the side panel has much to say about the nutritional value of the contents inside. Most give this information by the one-ounce serving. Depending on density of the cereal, however, one-ounce may fill a tiny demitasse cup or a large soup bowl. So, whereas most cereals provide 110 to 120 calories per ounce, they may provide 50 to 400 calories per cup.

*Check the grams of carbohydrates and sugar. Most cereals today give detailed information on the carbohydrate content per ounce serving. In a recent survey, sugar content ranged from one gram per ounce for Cheerios to 15 grams per ounce for Sugar Smacks..

For the best use of your food dollar, look for those cereals that provide the fewest grams of sugar per serving. To determine the equivalent teaspoon of sugar per ounce, divide the grams of sugar by four. In the above example, Cheerios provides 1/4 teaspoon and Sugar Smacks a whopping 3¼ teaspoons of sugar per ounce. Whenever possible, it is best to serve unsweetened cereals, then allow sugar to be added as needed at the table.

*Consider the fat. Most cereals are naturally low in fat, with a gram or less per serving. Some of the dense granola-type cereals however, may rival a pat of butter in fat content per cup serving. Cracklin 'Oat Bran, for example, contain 6 grams (54 calories) of fat per two-ounce cup and Quaker 100% Natural with Honey and Raisin provides 20 grams (180 calories) of fat per four-ounce cup.

Pouring one-half cup of whole milk on your cereal adds another 36 fat calories. For children over the age of two, skim or 1 percent milk is a more healthful choice than whole milk.

*Check the sodium content. Children's cereals do contain sodium, although not a treacherous amount. Amounts range from 10 to 290 milligrams per ounce. The concerned parent who feels that a child's salt intake needs to restricted due to a family history of high blood pressure is better off limiting salty snacks, such as potato chips and pretzels and heavily processed foods, than restricting breakfast cereals.

*Consider fiber. Despite what the box may proclaim, most children's cereals are not a good source of fiber. Cheerios and Wheaties are among the best sources of fiber; still, these contain only 2 and 3 grams of fiber per one-ounce serving.

4-H HAPPENINGS

4-H'er Attends Poultry Conference

Lebanon County 4-H member Christine Habecker, Palmyra, recently represented the Pennsylvania 4-H program at the 1991 National 4-H Poultry and Egg Conference held on November 21 in Louisville, Ky.

The conference allows 4-H'ers from all over the country to compete in educational events that help them learn to make and defend decisions, speak publicly, and gain skills in poultry-related subject matter.

In the egg preparation demonstration, 4-H'ers made a dish using eggs and gave oral presentations about the nutritional value of eggs. Christine's presentation, entitled "Is It What It's Cracked Up To Be?" featured the preparation of an omelet along with general egg facts and information.

Approximately 125 senior 4-H'ers, representing 25 states, participated at the event. In addition to the valuable learning experience of the competition, Christine participated in a tour of the Louisville baseball bat factory, Churchill Downes Racetrack, and the Kentucky Fried Chicken Museum.

More information on the 4-H program can be obtained by writing or calling the Lebanon County Extension Office, 4-H Agent, 2120 Cornwall Rd. Suite 1, Lebanon, PA 17042. If you are interested in joining 4-H or would like to become a 4-H leader, contact the Lebanon County Extension Office at (717) 270-4391.

4-H Stresses Gun Safety

Parents who are buying a BB or pellet rifle as Christmas presents for their son or daughter should understand the responsibility of teaching rifle safety and supervising shooting activities. Before allowing the youngsters to handle a rifle, be sure they know how and understand the rules.

The 4-H Shooting Sports program extends an invitation to all boys and girls who receive a BB or pellet rifle to attend a free educational meeting at the Montgomery County 4-H Center on Wednesday, January 8, 1992. The program starts at 7:30 p.m.

A parent must accompany the boy or girl and stay until the program is over. Be sure to bring the rifle — and *it must be empty*. Both BBs, pellets, and targets will be provided by the 4-H certified instructors. There will also be targets available to take home. A homemade BB and pellet trap will be illustrated.

For additional information, contact Paul Werkheiser (215) 539-0670 or Paul Reber (215) 699-3342 during evening hours.

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Be A 'Ghost Traveler'

Kelly Hahn and Becky Long promise to send a postcard from the country of your choice as part of their "Ghost Travelers" services.

FREDERICK, Md. — Armed with minimal luggage and maximum enthusiasm, two American women will be starting an around the world tour in January which will last eight months and put them in more than two dozen countries on six continents.

Kelly Hahn and Becky Long, of Maryland, friends since the second grade, will put that friendship to a test as they embark on an adventure that will involve breaking cultural barriers and personal anxieties to learn to live in the world outside the United States.

The trip is being self-financed by money saved from their jobs at a Maryland daily newspaper where Hahn is a photographer and Long is the assistant agricultral editor. The two also earned money selling Avon and Tupperware and hosting a fund-raiser at the Catoctin Mountain Zoo Park in Thurmont.

An additional and unusual source of funds is offering the armchair traveler a glimpse of the world through their eyes. For a minimal fee, they will send a postcard from the country of your choice as part of the services offered through their "Ghost Travelers" operation.

The women also expect to work temporary jobs when they stay an extended length of time in a country. With Hahn's exposure to a zoo and Long's upbringing on her parent's dairy farm, they figure they can work on a New Zealand sheep farm or herd cattle in Switzerland.

They expect to have fun in the months they'll be away from the office, but above that, they stress that this is not a junket. They'll not be staying in world-class hotels or dining at four-star restaurants. Instead, it will be bunking in youth hostels or with host families and meals will be grabbed on the run or eaten with the people they stay with.

"Even if we could afford the high-road kind of travel, we would do it the way we're planning. You learn more about a country and its culture by living with the people," Hahn said.

Visiting Berlin months after the wall came down, she said, "I had a better understanding of what it meant and how it affected the people who lived there. It's important to know about the world around you."

For Long, staying with farm families will be a reunion. She has led 4-H trips to Europe and plans to visit some of the same farms. She will be observing the various farming techniques worldwide and hopes to put it in book form. Hahn will provide the photos.

The two plan to shoot a lot of pictures, foregoing extra clothing just so they can squeeze another lens or camera body into their backpacks. They will be available to provide slide shows for civic and community organizations once they return home and recover from jet lag.

In the weeks before boarding a plane which first will land them in New Zealand, Hahn and Long have been practicing with loaded backpacks- "She's carrying the shampoo, I'm carrying the hair conditioner," joked Hahn - to make sure they'll be up to the rigors of that kind of traveling.

"This is an adventure we both have dreamed of for many years," said Long. "Although at 27, we're far from being old ladies, but we didn't want to reach 90 and suffer from regrets of only talking about doing it."

They will be visiting Australia, New Zealand, Africa, India, Europe, China, Indonesia and Russia.

For further information, phone Becky at (301) 271-7577 or write to Ghost Travelers, P.O. Box 4066, Frederick, Md. 21701.

Farm Women Societies

Lancaster Society 19

The Christmas banquet of Lancaster Farm Women's Society #19 was held Dec. 14, at Sycamore Inn, Landisville, at 6:00 P.M. After a luscious meal, Mr. John J. Nonamaker gave a humorous talk titled, "How to drive your car crazy" and illustrated it with graphic charts.

Delegates who were chosen to attend the State Convention, January 13 are Hazel Newcomer, Betty Saylor, and Milly Eshelman.

The next meeting will be held in Fellowship Hall at Brethren Village with Martha Auker serving as hostess.

HOG SLAT (R)
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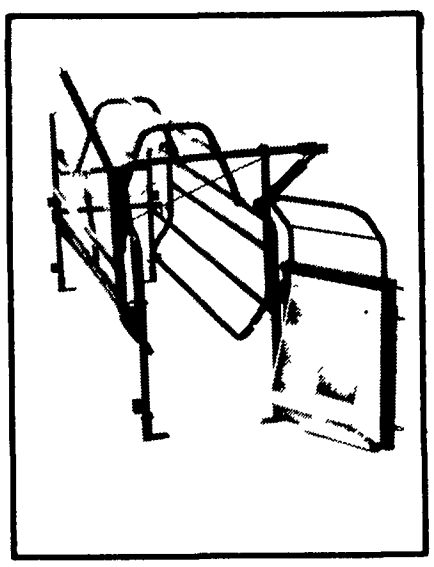
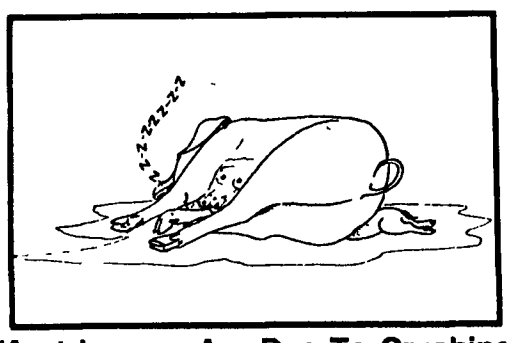


PROCTOR HYDRAULIC FARROWING CRATE

Hydraulic Farrowing Crate PREVENTS CRUSHING



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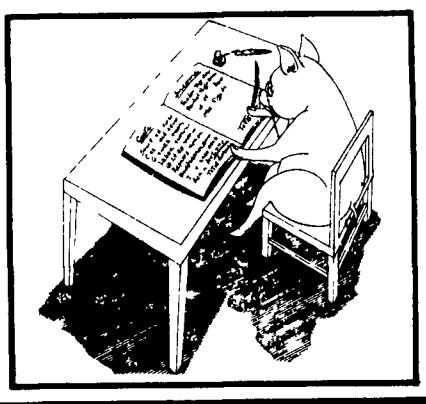

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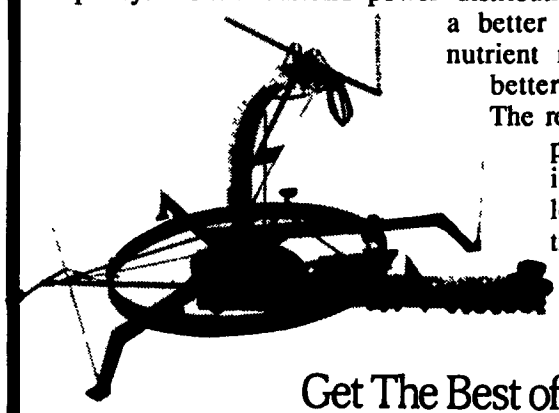

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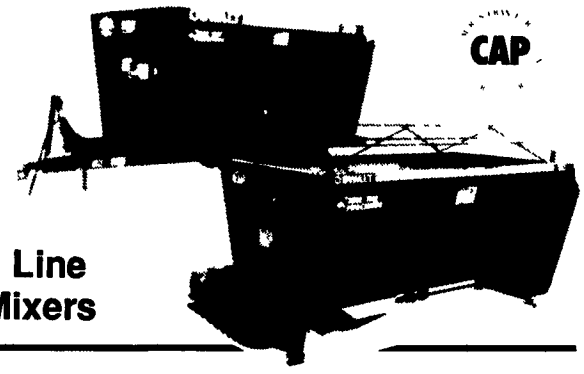

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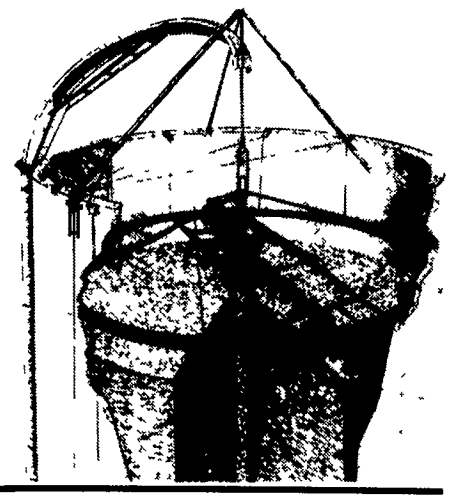
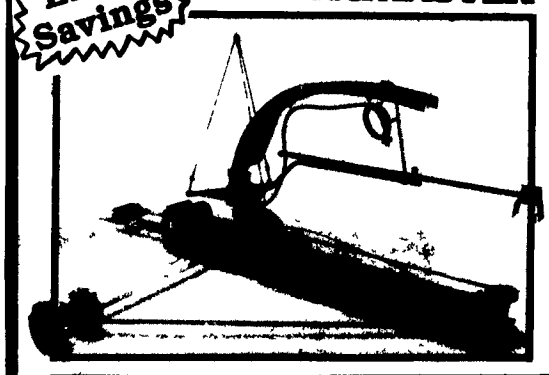


Extra Savings

PACMASTER SURFACE DRIVE SILO UNLOADER



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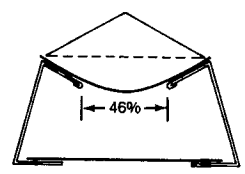

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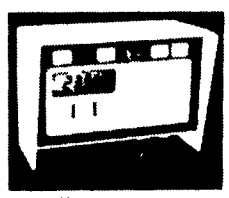
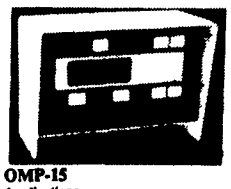
OMP-5
Applications
- Universal/animal scale
- Platform scales
- Bins, hoppers and other storage facilities
- Cattle feeding mixers

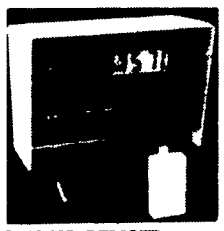


OMP-10
Applications
- Cattle feeding mixers
- Industrial batch weighing



OMP-15
Applications
- Platform and universal/animal scales
- Bins, hoppers and other storage facilities
- Manual batching procedures
- Weighing situations where the accumulating feature has an application
- Printer option for batch or other weighing applications
- Remote option for remote display

OMP-20
Applications
- Cattle feeding mixers
- Grinder/mixers
- Industrial batching situations requiring remote options and continuous display of the preset amount



OMP-20R REMOTE
Applications
- Cattle feeding mixers
- Other situations requiring remote display

OMP 20P w/PRINTER
Applications
- Batch weighing, where printed record is required. Including TMR feeding and industrial batching using bins and hoppers
- Platform or universal/animal scales where recorded net weights are needed

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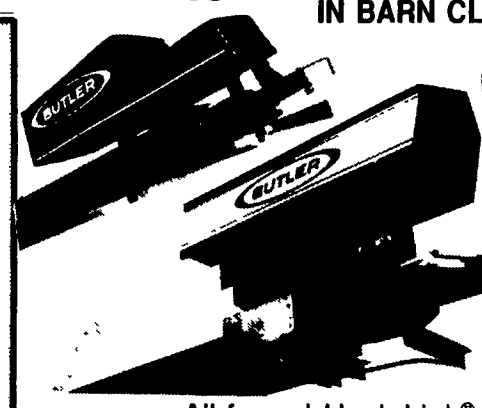
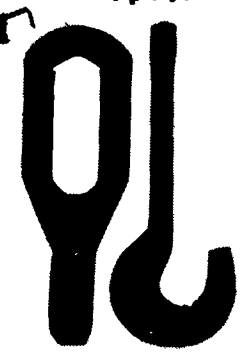


Built to clean faster... built to last longer!

Extra Savings



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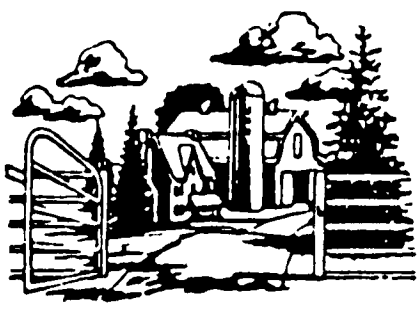

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Ida's Notebook

Ida Risser

As I sit down to write this article, I can hear the hum of traffic on Route 222. I'm amazed at the number of large trucks that use this road. And, if I look out one side of our house, I can see some nearby houses.

But the western and southern exposures show an entirely different scene. Here I see a tiny dell with wooded areas on both sides and a view of the Conestoga River at the far end of the meadow.

Our house is built against a small hill and early one morning I looked out our bedroom window and saw a red fox laying just a few feet from the house. He jumped up and joined another. We watched them romp and play for five minutes near a wood pile. This summer some workmen said that they saw a deer in the nearby woods.

My husband has hung three birdhouses for wrens near the house and I'm hoping that we can attract some birds. One is a huge house that he made with logs and it has more than one opening.

We will be doing some entertaining this month as it is our turn to be host for a group from our church. I'm hoping that I can find all of the good china that I want to use. As I have only one corner cupboard instead of two, I had to crowd things on each shelf in spite of the fact that I bought a buffet for more room to display my dishes.

Two black cats from the farm made the move with us. One is an older cat that showed up on our back porch one winter day a few years ago. The other is her almost grown kitten who has four white feet. They sleep in the garage and often try to sneak into the house. We spoil them by allowing them in the evening. They expect special treats when they come in the house. We were surprised that they never tried to go the one-half mile back to the dairy farm. We probably feed them too well and they've learned to like it here.

Dairy products usually account for about 10 percent of the typical family's food purchases.

For every dollar a consumer spends purchasing milk, the dairy farmer gets fewer than 40 cents.

Teen Wins Scholarship

COLLEGE PARK, Md. — Melanie Crowder, 17, recently received a $1,000 educational scholarship from ZIPLOC Freezer Bags, DowBrands, Inc., for her work in the national 4-H food conservation, preservation, and safety program.

Crowder, a student at Thomas Stone High School, and a resident of Waldorf, MD, was one of four 4-H'ers to be chosen by the Cooperative Extension System to receive the award, which was presented at the 70th National 4-H Congress in Chicago, December 7 to 11. Awards were arranged by the National 4-H Council.

Crowder received the award for progressive personal and skill development in the food conservation, preservation and safety program. After years of helping prepare foods for canning by her mother and grandmother, she was well prepared for her 4-H food preservation project.

She began by canning and freezing fruits and vegetables, which she enjoyed so much, she says, that "I was staying up until 2 a.m. just so I could can the vegetables and fruits the day that I had picked them, because I knew that they were the freshest that they would get."

Crowder also learned some important food safety techniques, including the need for sterilization to prevent bacterial growth.

Crowder's family, friends and community have benefited from her food preservation skills. She has prepared and preserved foods for cook-outs and parties and has taught workshops on making pickles, relish, grape jelly and tomato juice.

She prepared a booklet and talk for community members on how to safely pack lunches for picnicking and camping and she designed and distributed posters on the fundamentals of food storage.

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Dear Golden Pride
I am 70 years old, I have never felt better. Before taking Golden Pride Bee Pollen, Propolis, Formula #1 and 76 Plus, I had problems with nerves, high blood pressure, diabetes and angina.
I have been on the above mentioned since April, '85. The last visit to my doctor he said; "Jake, you have a clean bill of health. You don't have to come back to see me unless you need to. Right now you are fine."
My weight has come down. I weighed 205 lbs. in March, 1985. I now weigh 184. I cut out all nerve pills, I eat good and sleep good. I love what Golden Pride has done for me.
Sincerely, Jake Tate

Dear Golden Pride:
Before beginning to use Formula #7, Bee III, I conducted tests for my cholesterol level. I tested at 265. After one month's usage of Formula #7, Bee III, I returned to have my cholesterol checked again. It dropped to 195! That's 70 points in 30 days! I made no dietary changes and only added Formula #7, Bee III to my diet. A beneficial side effect was that I lost 10 pounds!
Bob Gilstad

Dear Golden Pride:
For many years I suffered from arthritis, borderline high blood pressure, and leg pain due to poor circulation. After being introduced to Formula #1 by a friend and then attending your meeting in Raleigh, I began on 4 teaspoons/day reducing to 1 teaspoon after that.
After just one week of Formula #1, I no longer had any problems with arthritis. After just 2 weeks, my blood pressure dropped 10 points, both top and bottom readings. My legs don't hurt anymore either. I'M SOLD!
James Ives

Dear Pat:
I have Parkinson Disease that causes me to have tremors and have been unable to hold anything in my hand or use it much After my first jar of Formula 1, my tremors are 90 percent gone and I now have use of my hand. I am so thankful for Golden Pride products because Bee Pollen gives me energy and Propolis keeps me from suffering from a continuous kidney problem I have had for years
Mazie Lawson

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The Mike Knaub family of Dallastown, York County, loves antique John Deere tractors. So, why not let one of them fill the role of Santa Claus in the family's annual Christmas tractor display? Behind Santa Deere's flowing white whiskers and festive, red fabric hat is Knaub's restored John Deere Model R.

4-H HAPPENINGS

Gum Tree 4-H

Gum Tree 4-H Horse and Pony Club held its annual awards banquet recently at the Masonic Hall in Oxford. Year pins were presented to members. New officers were also installed.

Officers for the 1991-1992 year are president - Megan Markward; vice president - Adrienne Law; secretary - Christi Scott; treasurer - Michele Cusick; newspaper - Lora Shelton; newsletter — Robby Rausch, Jessica Moore, Chastity Moran, Michele Cusick, Brooke and Dolly Coldiron, and Moriah Nickerson; historian - Jimmy Healy, Anna Wax; librarian - Ross Johnson; county council representatives - Beverly Crowl, Valerie Freese, Adrienne Law, Karen Guerrina, Megan Markward; teen leaders - Karen Guerrina (junior workshop), Beverly Crowl (novice workshop).

Special awards were also given to members. The awards are most courageous rider — Romy Brossman; horsemanship - Christi Scott; trailmanship - Jimmy Healy; most promising over fences - Jessica Moore; most improved horse - Rick's Boy; most consistent rider - Devyn Law; most promising western rider - Ross Johnson; most improved rider - Chastity Moran; most promising halter handler - Alyssa Baker; most promising on the flat - Ashley Singleton; best overall equitation - Megan Markward; most diligent care of horse - Anna Rose Denver; most improved saddle seat - Robbie Rausch; most improved western rider - John Ripple; most enthusiastic roper - TR Serio; most industrious rider - Beverly Crowl; 4-H ambassador - Jimmy Healy; most valuable to club — Jessica Moore; sportsmanship - Lora Shelton, Anna Wax.

Dawn McCuen, organizational leader of Gum Tree 4-H Horse and Pony Club, was presented with a gift for her support and guidance throughout the year. All 4-H members were awarded door prizes.

Chambersburg 4-H Horse & Pony Club

The Chambersburg 4-H Horse and Pony Club recently held their 17th annual awards banquet at Grandview Elementary School.

The following awards were presented:

Best Project Book Awards went to Brooke Diehl, Best Tiny Trotter; Renee Bowman, Best Novice; Angela Cosey, Best Tenderfoot; Beverly Miller, Best Junior; and Karlen Zimmerman, Best Senior.

Perfect Attendance Award recipients were Beth Barnett, Renee Bowman, Beth Diehl, Brooke Diehl, Robert Faith, Larissa Mellott, Beverly Miller, Kathryn Ringer, Aimee Wolgemuth, and Johnny Wolgemuth.

60 Point Awards were earned by Beth Barnett, Renee Bowman, Heidi Coccagna, Beth Diehl, Brooke Diehl, Robert Faith, Trisha Martin, Beverly Miller, Kathryn Ringer, Aimee Wolgemuth, and Johnny Wolgemuth.

The High Point Junior Award was earned by Beth Diehl with 173 points, and the High Point Senior Award was earned by Beverly Miller with 251 points.

Production awards went to Beverly Miller for first place and Robert Faith for second place.

I Dare You Leadership Award Recipients Named

Michael Cornman and Amy Jones, both of Carlisle, have been awarded the national I Dare You Leadership Award in recognition of personal integrity, balanced living, and motivation for leadership. The honor was presented by Mark Yarish of Knisely's Agriculture Center at ceremonies held at the 4-H achievement banquet recently.

The I Dare You Award is made available each year by the American Youth Foundation in cooperation with 4-H leaders and county agents across the country. The award was first offered in 1941 by William H. Danforth, founder of the Ralston Purina Company in St. Louis, who dared young people to achieve their highest potential and to influence others through lives of service. The award takes its name from the book, "I Dare You," written by Danforth, in which he commends the balanced life of mental, physical, social, and spiritual development as the backbone of leadership.

Michael and Amy were recognized for their character, responsibilities accepted, dedication, and for participation in leadership at 4-H activities and personal interest in promoting what the 4-H stand for.

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The agenda for each meeting will be unique, but the following information will be discussed at all of the meetings:

1.) Nutrient Management Legislation
2.) Pesticide Review
3.) 1990-91 BACS Field Research Results

Jan. 6	Solanco Fairgrounds	7-9:30 p.m.	Snack
Jan. 10	Cochranville Fire Hall	9-11:00 a.m.	Snack
Jan. 13	White Horse Fire Hall	9:30-11 a.m.	Snack
Jan. 17	Rutters Market Square, Shrewsbury, York Co.	9:30-11 a.m.	Snack
Jan. 22	Yoder's Restaurant	11-2:00 p.m.	Lunch*
Jan. 29	Dauphin Co.-Gratz Fire Hall	9:30-11 a.m.	Snack
Feb. 4	Mt. Joy Country Table Rest	11-2:00 p.m.	Lunch*
Feb. 12	Jaindl's Farms (Lehigh Co.)	9-2:30 p.m.	Lunch*
Feb. 14	Western Sizzlin, Bloomsburg	11-2:00 p.m.	Lunch*
Feb.18	Binkley & Hurst, Lititz	8-4:00 p.m.	Lunch*

* Reservations appreciated for lunch meetings - 717-627-0065

BRUBAKER AGRONOMIC CONSULTING SERVICE

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Phone 717-627-0065 FAX 717-627-8676

Remember These Scenes fr

At the opening ceremonies last year, Governor Robert Ca bring Farm Show commodity groups. PHOTO AT RIGHT: The supr chan Guernsey owned by Snider Homestead. From left is Keith Fis leads ker, Pennsylvania Dairy Princess and Boyd Wolff, secretary gricul ion junior market lamb last year, was shown by Joe Kuzemch Lisa photo are left to right, Chuck Kline, Farm Show director; Arli Snave and Karrie Dunmire, Washington County Lamb and Woo een.

FARM MANAGEMENT

LIFE INSURANCE FOR FARM FAMILIES

Patricia L. Powley
Extension Home Economist
Financial and
Consumer Issues

Farmers use life insurance to manage a number of financial responsibilities.

An insurance program should consider each responsibility individually and recognize that some will have priority over others.

Family Income

Income to the family in case of death of the breadwinner is by far the most important reason for carrying insurance. To best cover this need with a given amount of money to spend on insurance, policies that feature protection are needed. The need for protection is greatest while the family is young, and decreases gradually over the years.

Life insurance is especially valuable for family protection because it is paid immediately and directly to the beneficiary and does not go into the general estate of the insured. Furthermore, the proceeds of a life insurance contract cannot be attached for the debts of the insured.

Debt Insurance

Insurance to cover indebtedness of the business is really the same as providing income to the family. If a farmer dies and leaves the business free and clear or leaves enough insurance to cover indebtedness, the family has the farm capital to live on.

A cash fund to cover expenses of death: There are always expenses associated with a death in the family. It may be important to see that some cash funds are available for this purpose.

Income in later years: Savings can be accumulated in the form of high-investment-type life insurance to provide retirement income. Most farmers prefer to provide for retirement by building up a successful farm business so that they can retire on the income from the operation or sale of the business. Social Security is also available for this purpose.

Insurance as an investment: Farmers can realize better returns on money invested in their farm business than on money invested in savings insurance — straight or universal life policies. Farmers who are borrowing money to operate their business and at the same time paying premiums on insurance policies that feature investment are paying higher interest rates than they are receiving.

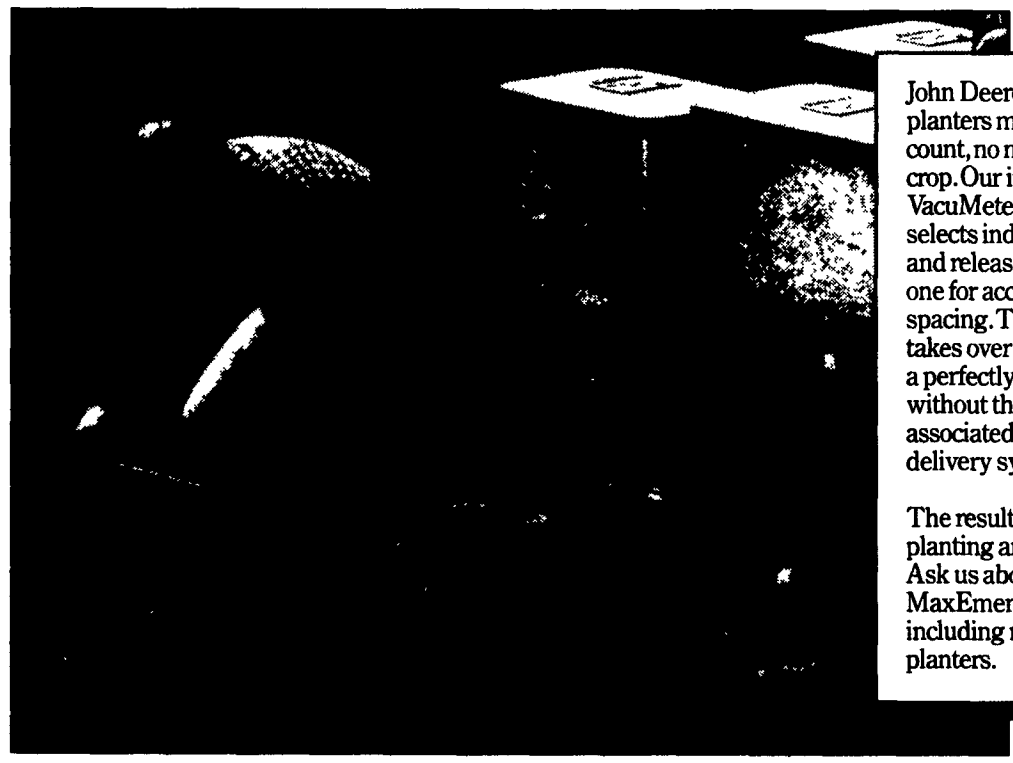
It would be wiser for them to spend their insurance dol-

(Turn to Page B21)

GOOD DEALS... AND A GOOD DEAL MORE

More accurate seed
SPACIN

John Deere MaxEmerge 2 Planters with improved VacuMeter system



John Deere MaxEmerge planters make every seed count, no matter what the crop. Our improved VacuMeter™ system gently selects individual seeds and releases them one by one for accurate plant spacing. Then, gravity takes over so seed falls into a perfectly formed furrow without the bounce and associated with other delivery systems.

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s from The Last Farm Show

ert Ca brings greetings from state government to the supr champion dairy cow last year, was a 3-year-old ith Fis leadsman; Berneta Gable, owner; Kristin Metz- etary griculture. PHOTO AT LEFT: The grand champ- zemch Lisa Reiff took reserve honors. Standing in the r; Arli Snavely, Pennsylvania Lamb and Wool Queen; Woo ueen.

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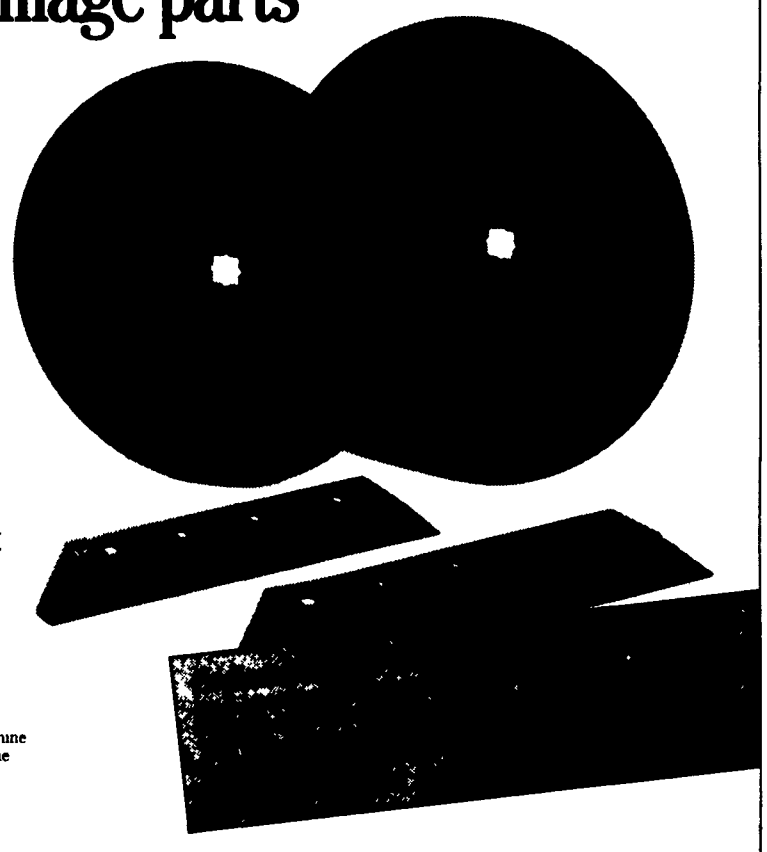

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John Deere... A Way of Life

FARM MANAGEMENT

(Continued from Page B20)

lars primarily for protection and use their farms for investment. Farmers who have their farms paid for and have little need for greater investment in their business can add diversity and stability to their financial program by investing in life insurance or other conservative investments.

Saving for a college education: It certainly is good business to save for the education of the children. However, this represents a need for saving rather than insurance on the children.

There are many ways to save for the education of the children. Investing in insurance is one way. If this method of savings is chosen the insurance should be carried on the life of the breadwinners so that whether they live or die, funds will be available for the children's education. As a child's death would seldom cause loss of income to the family, there is little need for protection in this form

Insurance on the farm homemaker: A farm homemaker contributes much to the farm business in addition to all the usual functions of homemaker and parent. The death of a farm homemaker commonly creates a heavy economic burden, especially if she contributes non-farm income. It is practical to use insurance as protection against this loss

In looking over the needs that a farmer has for life insurance, it becomes evident that the protection feature is generally more important than the investment feature

Young persons struggling to provide for a growing family and establish a farm business have a particular need for insurance. If they live and stay healthy, they will eventually build up a good net worth in the farm. When this is accomplished, they and their family will have income from their labor and from the capital invested in the farm If a farmer dies after establishing an adequate net worth the family will have the income from the sale or operation of the farm. Few families owning a good farm with a high net worth would suffer from want. The real risk the family takes is that the young farmer will die before accomplishing these objectives.

Young farmers who are heavily in debt for their farms and have growing families thus have an urgent need for life insurance protection. They seldom, if ever, are in the position to use life insurance as an investment.

The amount of protection the family needs depends to a degree on what the family expects as a level of living. The amount of property in the form of insurance, a farm, social security, and so forth that is needed to provide a given level of income overtime can be estimated.

As a farm family, look over your insurance needs. Are you adequately protected?

MILK AMERICA'S HEALTH KICK

4-H HAPPENINGS

Camden County 4-H

The Harry E. Mumma Award is given annually in memory of Harry E. Mumma, a Camden County 4-H leader who displayed outstanding leadership and rapport with youth.

The recipient of this award is chosen by polling former recipients, and this year was presented to Maryann and Bill Niemeyer of Grenloch.

Maryann has served as equine board president, association trustee, state equine advisory board representative, state 4-H advisory representative, and is key leader of Paws and Persian Lancers 4-H clubs.

Paws and Persian Lancers 4-H clubs have flourished under Maryann's leadership. 4-H members have developed leadership skills by participating as club officers and have gained self-esteem through their accomplishments in county and state 4-H events. Maryann's understanding of the 4-H program's goals and objectives and her leadership skills have benefited the many children participating in the program.

Bill is our newly elected 4-H association president. He is entering his 2nd year as 4-H fair chairperson. His organizational skills and common sense have proved a real asset to the overall program. Bill was instrumental in the development of volunteer job descriptions for the fair, represents Camden County at the state fair association, and the equine advisory board. Bill has expanded the 4-H program through leadership at the 4-H center, in the association and in equine curriculum.

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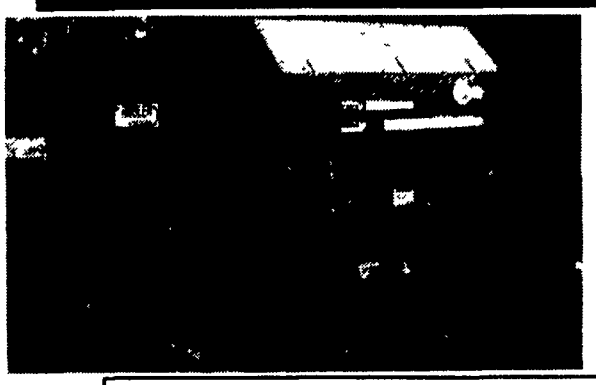

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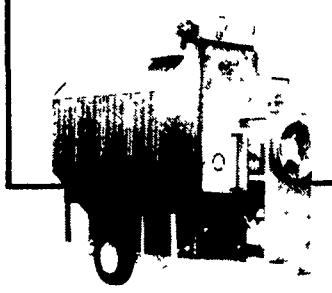

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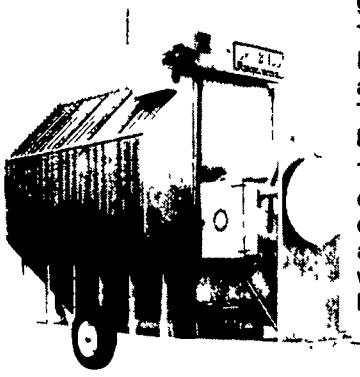

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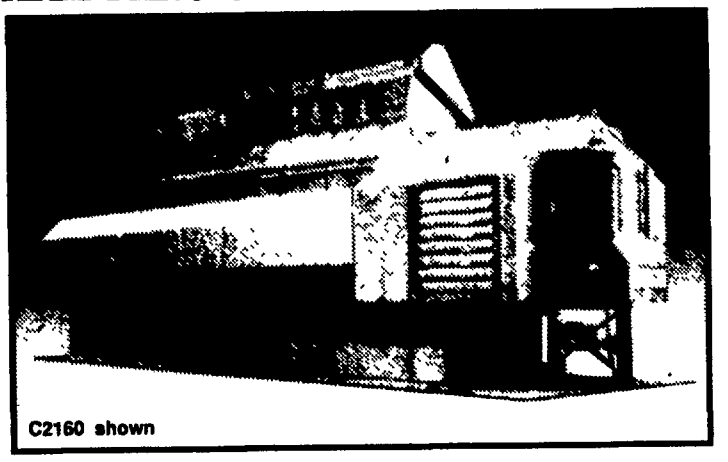

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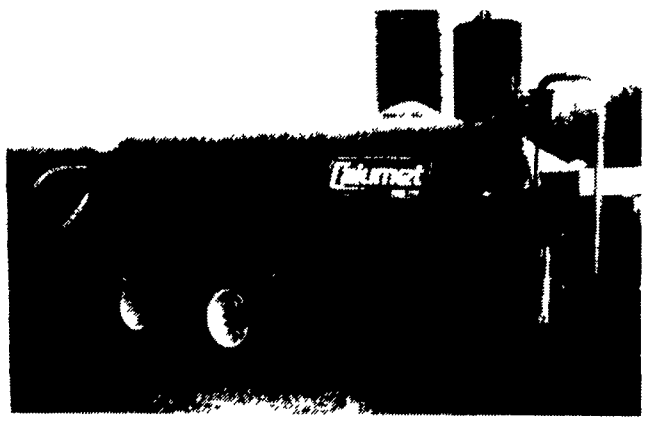

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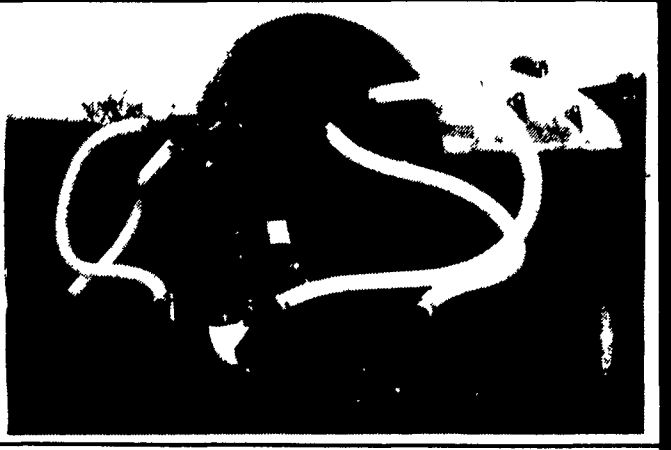

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The muscle of a six blade impeller for fast agitation.

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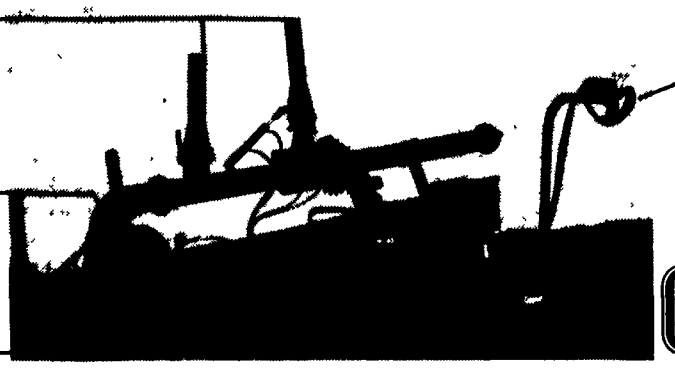
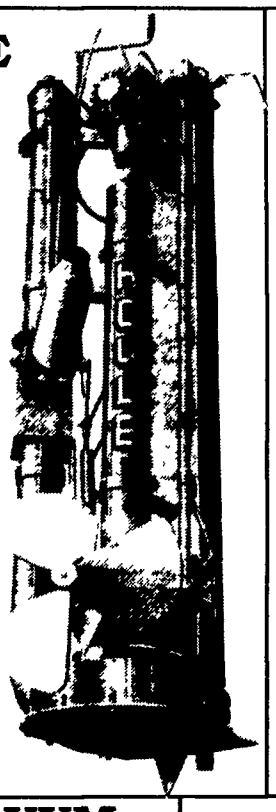


The capability to load a spreader in under two minutes.

The convenience of complete hydraulic controls.

LIQUID MANURE PUMPS



- Available in 6 versions for inground or above ground tanks as well as lagoon storage areas.
- Excels as a stationary P.T.O. driven pump to agitate and transfer manure with straw and hay.
- Agitation-up to 18,000 G.P.M. with moveable propellor.

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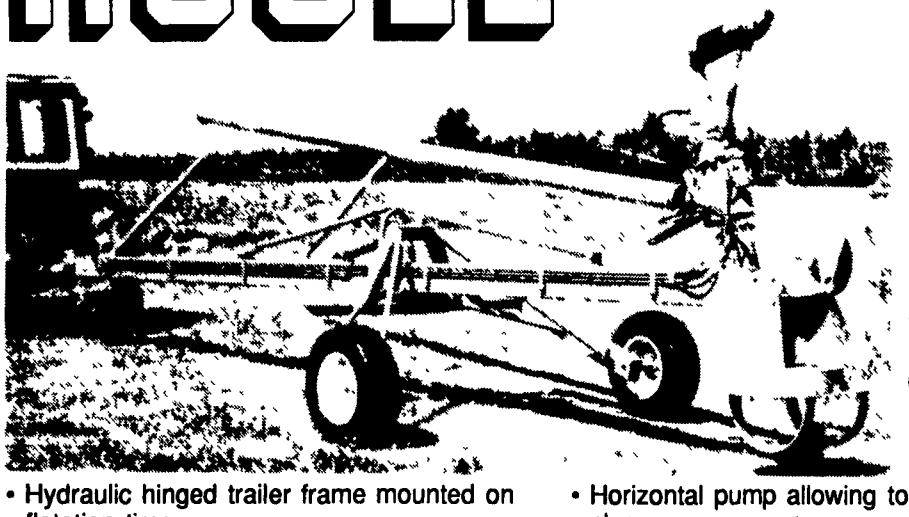

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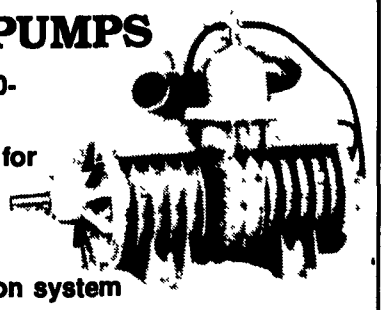

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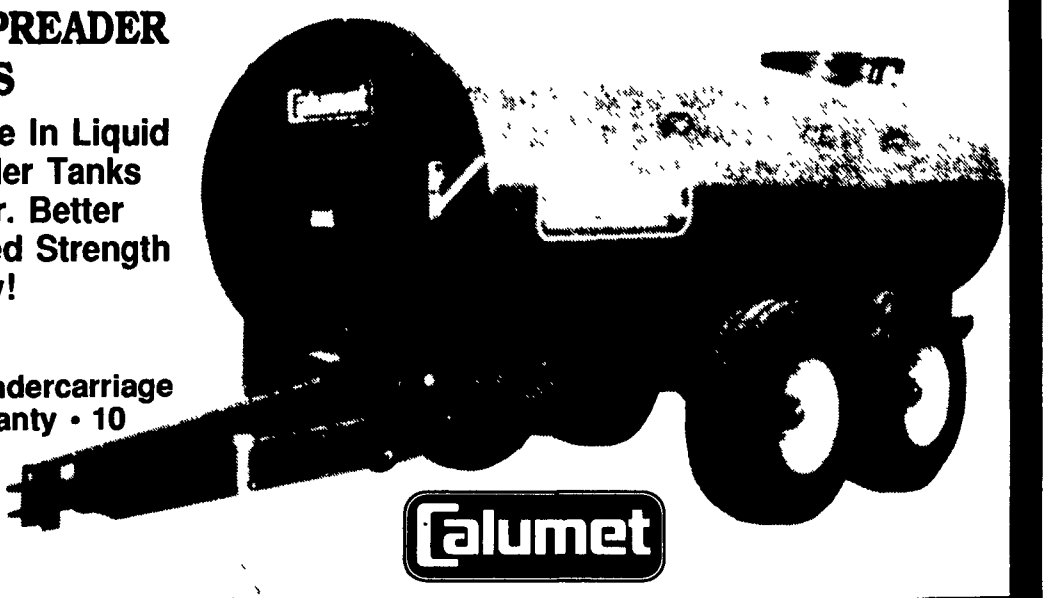

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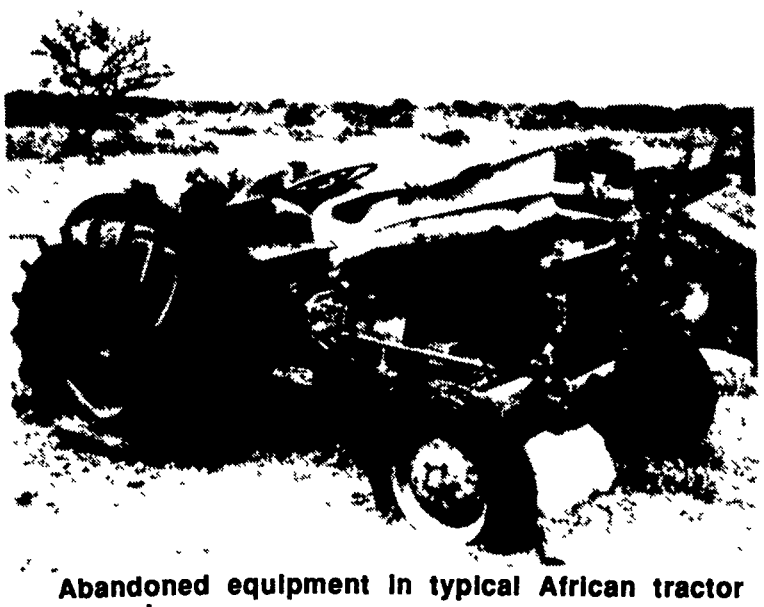
Massey Ferguson Brings Tractors Back To Useful Life

DES MOINES, Iowa — Africa's legendary elephant graveyards have never been found. Yet walk onto almost any commercial African farm and you will find a less mythical but very typical African site — the tractor graveyard.

Limited exports created a shortage of foreign exchange funds African farmers need to purchase imported tractor parts. As a result, they operate tractors until they break down — and then abandon them. The foreign exchange problem is so great in countries like Zambia that farmers have difficulty buying even oil filters. Thus while food needs across the continent become critical, tractors lie rusting for lack of repair parts. In many instances smaller commercial farmers have been forced to return to ox-powered agriculture.

Recognizing the vital need of Third World countries for reliable farm machinery to help reduce food shortages, Massey Ferguson developed innovative tractor rebuilding programs in the late 1970s to return aged tractor fleets to productive work without requiring foreign exchange credits from farmers.

In the 1980s, Massey Ferguson's tractor rebuilding activities evolved into two highly structured programs. One, Rehabilitation, rescues tractors from the scrap heap and to overhaul and rehabilitate them. And ROC (Rehabilitation, Overhaul, Certification) upgrades older tractors to the latest specifications by replacing all essential components such as engine, clutch, gearboxland hydraulics with new and current factory specification parts.



Abandoned equipment in typical African tractor graveyard.

ROC tractor (Rehabilitation - Overhaul - Certification). An older tractor upgraded to latest specifications.

Rehabilitation puts up to three new tractors back to work for the price of one new machine. ROC brings a tractor up to new specifications and includes a one year warranty for about three quarters the price of an equivalent new model off the assembly line.

To date, almost 4,000 tractors have been rehabilitated, and more than 1,000 have been upgraded under the ROC program in Malawi, Mozambique, Sudan, Tanzania, Ghana, Uganda, Nigeria, Zambia, and Zimbabwe. A number of other African countries are currently under consideration for Massey Ferguson's ROC and rehabilitation programs.

The ROC program is administered through a Massey Ferguson distributor network that has been assessed by MF as having the necessary equipment and expertise. Rehabilitation is accomplished either within the Massey Ferguson distribution network or within facilities made available by the government.

MF conducts extensive training of mechanics, service engineers and operators, and this infrastructure remains in place in each country to sustain ongoing agricultural equipment needs. For example, in Mozambique, there are now five operational training schools, five recovery centers for reworking components, and an MF ROC distributor.

Farmers benefit from these aid programs and service infrastructure by being able to pay the reduced cost of a rehabilitated or rebuilt ROC tractor in local currency to their government with no strings attached. The farmer's need for foreign exchange is eliminated.

The ROC/rehabilitation programs offer Third World counties a significant transfer in rework and training and is viewed by Massey Ferguson as a substantial commitment to Third World agriculture.

There is much that remains to be done. In Zambia alone, out of a tractor population of 18, 000, it is estimated that only 6,000 are operational. The tractor graveyards of Africa are far from disappearing, but at least their inhabitants are slowly being brought back to a productive life.

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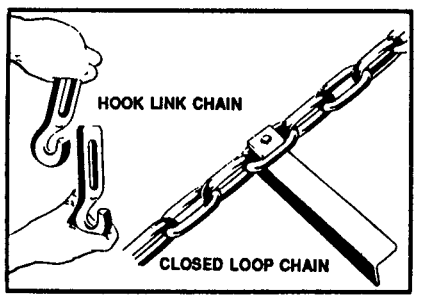
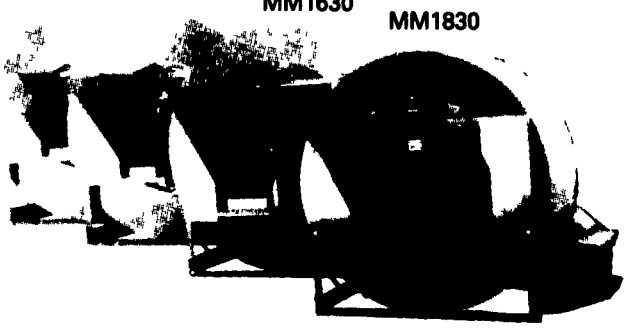


MM690 MM1090 MM1630 MM1830



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Developed and distributed exclusively by Pioneer since 1985, the Farm Program Option Viewer software helps producers weigh their acreage reduction alternatives under the U.S. Farm Program.

The software provides bottom-line results in net profits or losses for a farm under various levels of participation. Utilizing pull-down menus and a simplified data entry process, reports can be generated that illustrate various scenarios.

The 1992 Farm Program Option Viewer operates on any MS-DOS®-compatible personal computer with at least 512K RAM and DOS Version 2.1 or greater. The standalone program does not require any additional software for operation.

A $69.95 value, the Farm Program Option Viewer is available free through local Pioneer sales representatives. Producers who are unsure of who their local representative is may call toll-free (800) 351-7566, extension 2322, to obtain the name.

As in past years. Pioneer is again encouraging its sales representatives, area sales offices, and agronomists who have access to computers to run individual programs for those producers who do not have the necessary equipment.

In addition to the Farm Program Option Viewer, Pioneer has developed a full range of proprietary agricultural software designed to meet the specific needs of farming operations — including programs for crop and livestock production, marketing and financial management.

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Case CV 1940 good rubber runs good $875. Franklin County. Call 717-597-9457.

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25 head of grade holstein dairy cows, 3 bred heifers, blood & TB tested. Clinton Co 717-726-3479

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MF 255 diesel tractor 290 hrs., 43-plow mold board 3 pt., model-D harrow type-PSG, 41-mower rear mount, JD planter 2-row. Schuyl. Co. 717-455-2963

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JD #30 potato digger PTO driven, John Blue 8' 3 pt. fumigator, sims cab for Case 450 loader. Chester Co. 215-269-3494.

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AC D19 tractor on steel, Reg. Belgium mare, lots of snap, not for children. Leb Co. Jonas Zook, RD 2, Box 320D, Myerstown, Pa 17067

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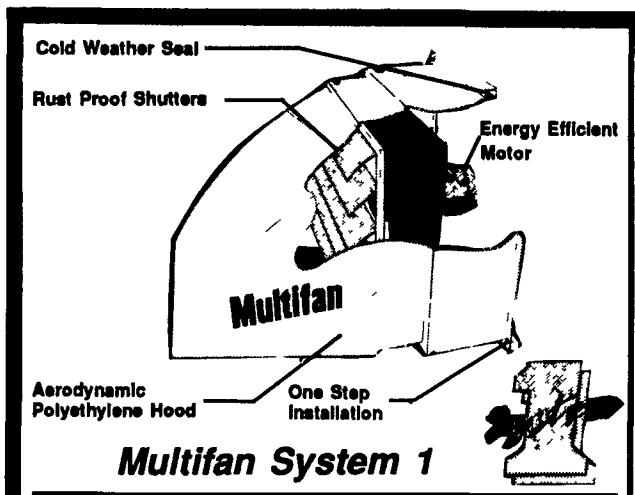
1978 Int. 1750 DT 466 5&2 24' van like new 900 20 rubber runs excel , $4500 Somerset Co 814-634-0140 after 4 p m



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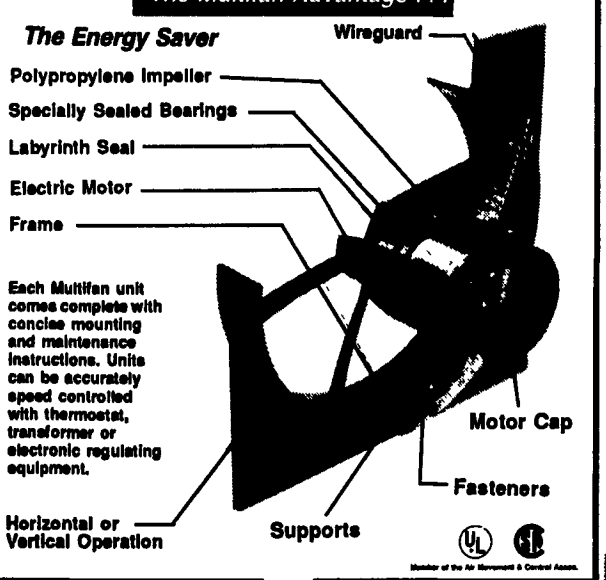

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JD 530 2 cyl, flat top fenders, 3 pt eng recently rebuilt Berks Co 215-589-5211

Cub Cadet snow blower very good cond, 42" Carroll Co 301-756-2710

Lawn mower 22" cut, Briggs Stratton runs, needs valve adjust, elect drill motor starting Lanc Co Naaman Shirk, 263 Bootjack Rd, Narvon, Pa 17555

Cab for JD 5020 $200 plus fenders for same Ed Vogt, RR 1 Box 251B, Millington, MD 21651 410 928 3276 eves

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Chair lift, 15' used 3 yrs., like new, list $2,500, sale $1,250. Leb. Co. 717-273-6018.

2- 3 phase air compressors 1½ HP from Bally walk-in cooler, also many floor & side panels. Col. Co. 518-851-9629.

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20' boxstall manure elevator. Wanted heifers to put on pasture, will feed grain. Lanc. Co. Amos E. Stoltzfus, 5516 Strasburg Rd., Gap, Pa. 17527.

6-lambs 10 mo. suffolk $50, 37' Int. pick-up, $300, 3 pt. scoop $50, corn sheller 1 hole $50. Berks Co. 215-582-3066.

1972 Chevelle 4 dr. 350 auto., 100% orig., never wrecked, good engine & trans., $1750 neg. Leb. Co 717-273-6683 after 6 p.m.

3 yr. old Reg. Morgan horse safe & sound lots of snap $1400. Elam Ebersol, 558 Gibbons Rd., Bird-in-Hand, Pa. 17505.

Complete PTO & belt pulley assembly for OC3 crawler exc. cond., $160, other H.G. OC3, OC4 parts. Wyc. Co. 717-945-7759.

IH 101 combine needs engine work thresher unit in fair cond., best offer. North'd. Co. 717-286-6084.

18.4x38 clip-on duals, Brillion hydra-lift spring tooth 20' harrow, 12' vibrashank 3 pt. hitch. Sch. Co. 717-889-3353.

MF 2 btm. rollover plow, also 3 btm. 14" Oliver cushion trip plow. Lanc. Co. 215-445-7117.

1974 Ford C600 truck 21' rollback body Farmall Cub & belly mower, 1977 Chev. 1 ton truck. Chester Co. 215-869-2826, 215-869-9662.

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Quarry tile 6x6 160 sq. ft., 10x12 plate tamper, pipe black iron threaded, 16 pcs. 1½ pue 10 $600 OBO. 412-423-6525.

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Ear corn $85 ton. You haul. Lehigh Co. 215-967-3878 7-9AM.

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4'x6' MGS trailer 3' sides w/ tarp bows good shape (must sell) spare tire included. Lanc. Co. 215-267-7132.

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Case system for layers used by single section or by the 1000 cages $1.00 per cage. Wayne Co. 717-224-4352, 717-224-4823.

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Overhead garage door 16'x7", 4 windows 44½ "x13" w/track, springs, good cond. Dau. Co. 717-692-3101.

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Kawasaki motors 2 rebuild THD Wisc. $500 ea., other used motors & clutch reduction. Benuel F. Esh, 1707 Cherry Hill Rd., Peach Bottom, Pa. 17563.

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2 first lact. holsteins choice out of 4, $2150 for both or $1100 ea. Lanc. Co. Benuel Jay Aligyer, 6218 Plank Rd., Narvon, Pa. 17555.

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Strongest Pickup Hitch On The Market! 12,000/8000 lbs. rated. We have hitches for most vehicles, brake controls, elec. wiring hookups, and most towing accessories

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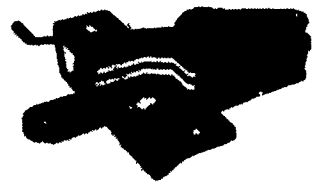

Reduces wear on drive train, increases gas milage, and greatly reduces driver fatigue. We stock a dozen different models. Check our prices. Bumper/ Hitch combination on sale.!

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NEW 92-HP 3055 2WD TRACTOR

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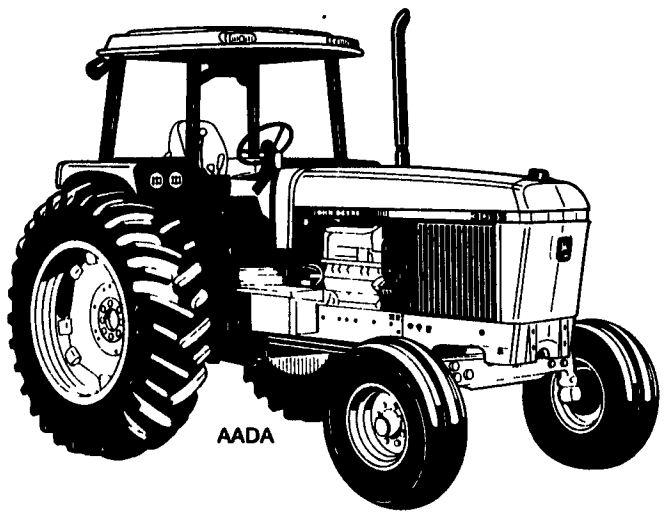


- Powerful 92-hp 6-cylinder engine
- Dependable 2-wheel drive performance
- 16 forward/8 reverse speed synchronized transmission featuring a clutchless Hi-Lo shift
- 540/1000 rpm independent PTO
- Self-equalizing hydraulic disk brakes
- Hydrostatic steering
- Category 2 3-point hitch

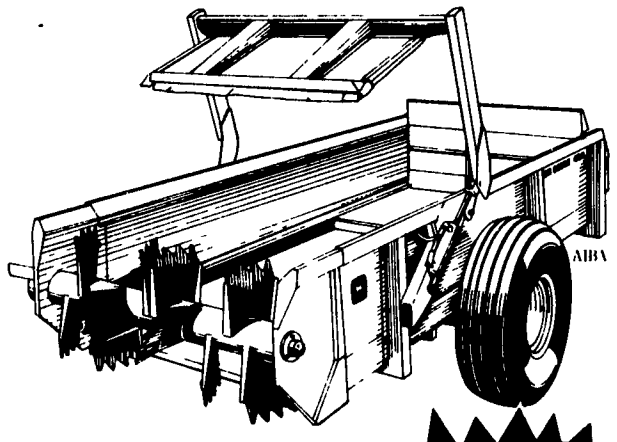
Come in and test drive the new 92-hp 3055 2WD and put a John Deere to work for you.

In Stock Now... 3055, 2WD w/CAB!

SAFETY live with it

JOHN DEERE

FREE YOURSELF OF YOUR CHAINS



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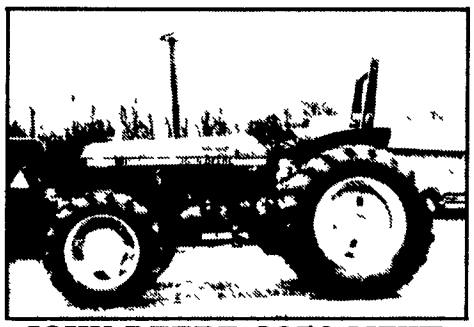
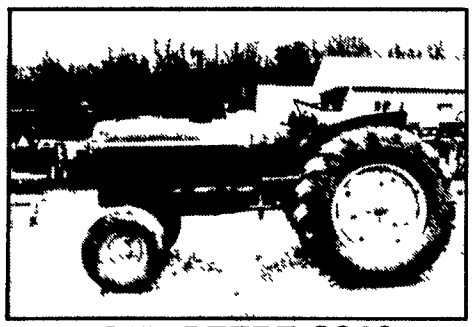
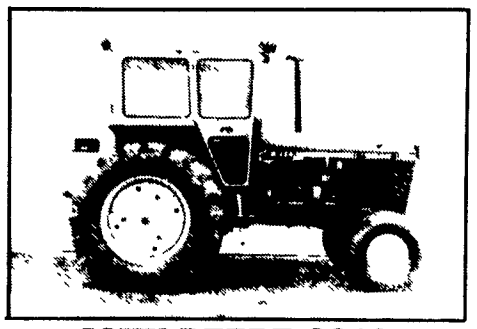


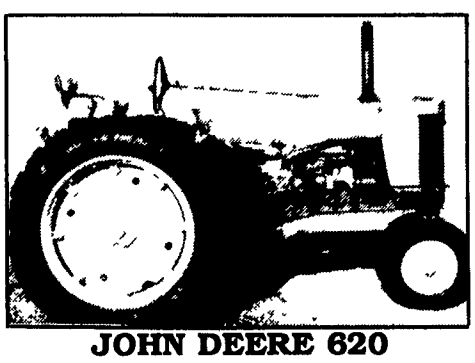
JOHN DEERE 2350 MFWD
55 HP, Hi-Lo, Ind. PTO, New Front Tires, Sharp!
CASH **$15,500**



JOHN DEERE 2840
80 HP, Good Condition
CASH **$11,500**



JOHN DEERE 2940
85 HP, Ind. PTO, Hi-Lo, Year Around Heated Cab, Excellent Cond.
CASH **$14,900**



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PS, 3 Point Nice!
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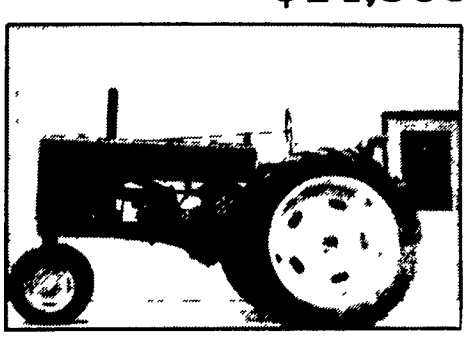

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JD 4455, 2WD, Cab, 125 Hrs.
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6 cyl. 65 HP Continental gas engine $350. Steuben Co. Melvin Hoover, 2830 Owens Rd., Cameron Mills, N.Y. 14820.

Convert your 200 AC welder to DC. Complete unit $75 can UPS. Berks Co. Boyertown. 215-367 7210 after 12 noon

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Solo mist blower 3 pth 30 gal. tank exc. $1350, 3 pth. 8' spring teeth harrow, new paint $350. Bucks Co. 215-257-8491 anytime.

Used sputnick in good cond., also 2 heifer calves, 3 mo. old. Lanc. Co. David S. Stoltzfus, 334 Sproul Rd., Kirkwood, Pa 17536.

Paulawnia trees, hardy Japanese bambo, confederate rose plants, cypress trees, box wood bushes Lanc Co 717-738-2091, no Sunday calls.

12' Reading truck flatbed w/stake sides, $700 OBO 215-445-5442

12 KW winpower PTO generator on heavy duty trailer w/many extras, exc cond., $1650. Lanc Co 717-733-7124

Gehl 125 grinder mixer 3 yrs. old A-1 cond , Lanc belt feeder 120' best offer Lanc. Co. 717-656-9327

JD 2010 track loader new pump, injectors, finals, clutches, motor needs rebuilt parts about $650 asking $5,000 OBO Schuyl. Co. 717-754-7828.

New 10-20 McCormick side pannels or louvers, 10-20 service manual $22, Farmall H small gas starting tank $25, Nelson engine Ben J Kinsinger, RR 1 Box 234A, Meyersdale, Pa 15552

NH baler 268 rebuilt knotter $2000, Farmall Super MTA, $1800, Case 1030 tractor w/cab $6000 Luz Co. 717-788-1470

71 Dodge 400 17,000 GVW 4 spd w/PTO cab chassis $400, 11' flat bed stake $300 Lanc Co 717-653-9580

Heat houser for Int 574 or 684 series tract. A-1 cond , 10 windows (good paint), 31½"Hx34 W Lanc Co. 717-626-7282

Mixed hay 1000 ba[illegible] puter feeder mak[illegible] offer Fulton Co. 717-573-4441

Irrig pipe 40 pcs. McDowell 6" 20' 3,5,6" misc. some w/ valves, NH #50 bale thrower gas engine $150 OBO Leb Co. 717-933-4595

Open buggy good cond , also seasoned split firewood Lanc. Co. John K Esh, 194 Liberty Lane, Kirkwood, Pa. 17536

Horse hay 1st, 2nd, cutting timothy green color, made young, no mold $90 to $110 delivery avail Sch Co 717-345-4109 eve

Jersey bull, babes lad x early settler, dam 10,058M 4 1%F 3 7P, $800 OBO Berks Co. 717-933-9265 Bedford Co. 814-839-2721.

12 ton round feed bin $900, hog farrowing crates $50. 5x7 slotted hog wire $35. Berks Co. Bethel. 717-933-8962.

Young chickens, no harmones, no chemicals will hay brown eggs runs free on farm $2 ea. York Co. 717-432-3800.

Locust posts 3"x5"x7½' $4 50 ea., wild cherry boards 50¢ a ft. Cumb. Co. 717-776-7083.

60' 3½ "x3" finn type radiation 1½ " steel pipe. Inelid 16" Herman-Nelso water heater $125. North Co 717-286-9380.

1945 JD tractor good shape, good rubber, $1,250 Leb Co 717-866-2286

MAILBOX MARKET FOR SALE

M&W hand clutch for Farmall M tractor works good $175. Snyder Co. 717-375-8051.

Universal 3 HP vacuum pump $300, Bender dumping station w/vacuum pump, $225, 52 gal elect water heater $45 Snyder Co 717-539-8181

6400 12' Hesston cab, also 495 NH haybines, excel., Oliver Super 55 tractor. Union Co. 717-524-2410.

Oliver 70 row crop orig. grill & side curtains mint cond., $1200. Lanc Co. 215-445-7374.

Used 2 seated Menn. carriage w/fiberglass shafts, 12V lights, hyd. brakes, on steel. 717-776-4527

Truck step fuel tank 50 gal. $75, deep frame 1950's $75 clean, 50 gal. drums $10. Berks Co. 215-589-5164 after 7 p.m.

AKC Mastiff pups, large & stocky, champion line, parents on premises. Suffolk Va 804-657-9861.

1984 AMC Eagle station wagon 4 wheel drive, air, good cond , $2000 or best offer York Co 717-292-4663

Outdoor furnace plans, multi-fuel, adapts to hot air or water system $29 95, Dru-Furnace, 165 Updyke Rd., Littlestown, Pa. 17340.

Ford 930 finishing mower, 3 pt , 3 spindles, 59" cut, used 50 hrs., $450. Montg. Co. 215-495-6536 after 6 p m.

Sorrel saddlebred horse, 6 yr. old, traffic safe, $100. Lanc. Co. 215-286-9714.

Parting out, Onan W generator, Oliver 80, 70 standard, single front ends for Farmall H, F-12. York Co. 717-741-0274.

Electric bedding chopper $500, milk receiver jar, $250, 4 Bou-Matic claws w/ shells $75 ea Perry Co. 717-536-3659

AKC Boston male 3 yr old, AKC Maltere male 1 yr old, Jack Russel terrier pups wormed & shots, $200 215-445-8292

AKC Cocker spaniel male stud 9 mths. old, $20. Lanc. Co. 717-355-9924.

Yanmar 4x4 diesel tractor 370 hours, power angle front blade, large rear mower, model 186, $9,500. Pike Co. 215-588-6350 eves.

Freind 3 pt. crop sprayer, Agtec orchard sprayer, ground scoop, JD 440 indus. w/loader, 10 ton load binder, GMC 220 C10 diesel 4 cyl. 4 cycle. Adams Co. 717-528-4914.

20 acorn cow yokes 50¢ ea. Lanc. Co. Elmer Petersheim, 109A N. Weavertown Rd., Ronks, Pa. 17572.

Dyna-vent bedding chopper 11HP 1½ yrs. old, excel. cond. Lanc. Co. 717-786-8693.

Same Leopard 85 4x4 nice $7500, Bobcat Deutz skid loader on steel $2500. Wanted. Skidloader wheels 6 lug. Lanc. Co. 717-354-0018.

Jersey cows due Jan thru March, priced to sell. Juniata Co. 717-436-8790.

Many MG books & shop manuals old MG magazine, MG enthusiast, Abington Classics Etc. Lanc. Co. 215-267-3276.

Titled trailer great for hauling wood $400 or will trade for lime spreader or manure spreader. York Co. 717-244-2155.

Limousin cross feeder steers & heifers. Fred Co. Md. 301-293-2653.

Bolens Iseki diesel tractor, #G174, 4WD, 17 HP, 3 pt. hitch & 3 spd., PTO, dual remote hyd. outlets, excel. cond., $2500. 215-358-5839.

Beef for your freezer home grown, grain fed no steroids or artifical proteins cut, raped, frozen 1 price Lanc. Co. 717-664-4075

6'x10' Lark trailer 20" sides 3,000 lb. wght. capacity good cond , asking $200. Call Leon at 717-859-4728 late eve early morn

1986 alum. livestock trailer 7x16 3 gates, 2 sliders on back & middle gates 7,000 lbs. axles 2,000 miles 235-85R16 Mich $4,500. 516-727-5402.

Fidelity 30KW generator on trailer $1800, Cast iron trough 8'x18", Gorman Rupp 3" trash pump w/ Wisc. engine. Lanc Co 717-653-5980.

12' Brillion packer $895, Grove wagon gear $275, NH 469 haybine good roll $995, NH 220 bu. manure spreader $695, NH 455 trailer mower sharp $975. 717-354-5908.

10 real nice walking horses, exc. trail & pleasure horses, 100% sound & quiet. Luz. Co. 717-379-3217 after 5 p.m.

Chevy 350 V-8 can hear $250, 3 HP single phase motor w/controls $75, 12' Gandy lime spreader $150. Lehigh Co. 215-762-9492.

Yanmar model 186D 18 HP 3 cyl. 4x4 power angle blade, 2 spd. PTO, 50" mower, $9500. Pike Co 215-588-6350 eves.

JD 105 combine w/23.1x26 Michlin R-3 tires, also 28Lx26 BF Goodrich mounted for same, combine needs engine $1500 Bradford Co. 717-888-1280.

1991 Gooseneck stock trailer air dynamic nose, 16', 6½ high, used twice, $3800 Salem Co 609-358-1281

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Good wheat straw $1.75 a bale. York Co. 717-235-3185.

1971 Ford ¾ ton pickup 59,000 orig. miles, 6 cyl 4 spd. new battery tires & shocks, rust repaired for inspection $700. York Co 717-993-2288.

1974 GMC Astro cabover non-sleeper, single axle, truck tractor, 318 Detroit, 5th wheel & ball hitch Cecil Co. Md 301-287-5277.

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Sorrel work horse 17 hands good lead horse. Timothy Martin, 1231 Woodlyn Dr., North of Fivepointville left Chestnut Hill right Woodlyn Dr

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Priced dirt cheap! Chicken house feed augers, manure augers, feeders, waterers, fans, various cages, electronic platform scales, etc. 717-664-2629

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JD 35 forage harvester w/ hay & corn heads. Chester Co. 215-326-2289.

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3 yearling angus simmental cross steers 95¢ real nice. Bucks Co. 215-968-2649 anytime.

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Lots of farm sales literature. All makes, very good selection. Call 717-866-7147 eves.

Hipolito lantern sales & service peerless storage batteries 4 yr. guarantee very reasonable. Sharpening & Engine Service, Hidden Acres, Old Rt 41, Atglen, Pa 19310.

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Registered miniature horses starting at $600 Miniature potbellied pigs 200-50. 302-653-5305

AC baler w/4 cyl. Wisc engine, needs a little repair, $600 John G. Esh, 243 Summit Hill Rd., Quarryville, Pa. 17566.

1935 Ford 4 Dr. Sedan, 1950 Ford 2 Dr. Sedan, 1950 Plymouth 2 Dr. SW, 1928 Model A 2 dr. sedan, all in ex. cond. Montg Co. 215-933-2469.

Single trees 1-8 hitches, yokes, pokers, cup and pot hangers, weaner roasters, ice scrapers, shoe scrapers. Chester Co 215-273-2112

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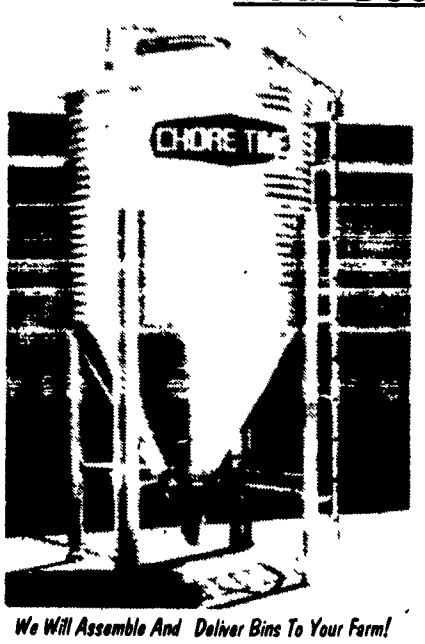

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Fickes Silo, 26x70, concrete unloader, completely rebuilt, never used, electric wench. 609-235-3810.

"Frick" portable steam engine, 8flx10 But Strap boiler, excellent condition, $7,000. 301-293-2127 after 6PM.

All purpose carts w/ removable back & dump front, 15 & 8 cu. ft. in stock. Elam Ebersol, 558 Gibbons Rd., Bird-In-Hand, Pa. 17505.

2-15.5x38 8 ply Safemark tires, good casings (a little tread) best offer. Kasten self unloading wagon front end, good chain & slats for posts. Model 2-B Ser. no. 65-24, good auger, best offer. Lanc. Co. 665-2928.

Purebred Yorkshire & White Crossbred boars, gilts, bred gilts w/ performance data, local delivery available. Cumber. Co. 717-732-5223.

Old farm toys, pedal tractors, misc. advertising, very large selection, shown by appointment prices negotiable. 717-866-4327 eves.

Top Quality Hay, Straw, Oats, Steer hay 140 per ton and up, mulch hay. Call before 7 AM or after 7 PM. 201-735-8389 or 201-735-8865.

Case Terratrac 800 loader $3000. 4-cyl. Perkins diesel $150. Ben L. Stoltzfus, 5395 James Rd., Mechanicsville, MD 20659.

Specializing in pleasure Tennessee walkers. Always a good selection of trail & show horses. Yearlings, broodmares. Stud Service. Lester Weber Stables. 215-267-7311.

Reg. Angus bulls and heifers. Orange Gate Angus Farm, Maurertown, Va. 22644. 703-459-3414.

Used Bee Equipment. Inverbrook Aplaries, RD2, Box 230, West Grove, Pa. 19390. 215-869-3353.

MINI LOP RABBITS with papers, $25. Very loveable pets. NZW Rabbits with papers, $10. Cecil Co., Md., 301-885-2134.

Sawmill belt feed, 4 head blocks, good condition. Saws, Simon 52", like new, (1) 52", (1) 50". 301-293-2973.

Outside calf hutches, $80 each. David B. Stoltzfus, 57 Grist Rd., Nottingham, PA. Take Brown Rd. at Little Britain, second road right. Lanc. Co.

Rock Oak, 1" to 1\". Also, Cherry and Poplar. After 5 p.m., 717-776-3239.

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Trailer pip carry. Call Vinnie after 8PM - 908-369-6207.

Diesel pickup in good condition, prefer Dodge. Huntingdon Co. 814-542-4235.

Stainless steel band saw blade ½ "x.025x64¾ ". To be used for meat cutting. Call with price. 301-398-7680.

Farmette or dwelling with acreage, within 20 mi. radius of Annville, PA. Any condition considered. Privacy important. Leb. Co. 717-867-2452.

Young easy milking Nubian doe, good milker, gallon or more. Cumb. Co. 717-243-4375.

Collector seeks old duck & goose decoys from the Chesapeake Bay & Susquehanna River areas. York Co. 717-764-5074 7-10PM only.

Ocicat or bengal kitten or older breeder will have excel. home. Leb. Co. 717-865-7447 call weekends any time

GMC 5500 insp. 16' flatbed steel dump good cond., trade 1 1½ ton 12'. Col. Co. N Y. 518-537-6933.

Pair 7.50-20 regular truck tires, good tread York Co 717-235-2032.

Steel wheels for Super C. Lanc. Co. 717-656-9711.

Manure pit pump 8' portable or stationary, also spreader. Aaron E. Glick Jr., RR 1 Box 195, Bird In Hand, Pa. 17505.

Small tree planter to plant 3" pots. 609-259-7225.

Frick edger also slab wood elevator. Franklin Co. John L. Stoltzfus, 19180 Back Rd., Doylesburg, Pa. 17219.

JD 4425 combine w/913 flex head must be excel. cond., low hr. machine. Virginia. 703-877-2080 after 7 p.m.

F12 connecting rod bearings .030 under size. Franklin Co. 717-597-3480.

Martyr's mirrow brook. 717-354-9939.

Good used sprayer for vegetables prefer air 3 pt. Lanc. Co. 717-354-7181.

Hyd. hoist for 20' truck body, 20 ton capacity or larger. Northampton Co. 215-837-6019.

Used chicken equipment, hanging feeders, waterers & crates. 717-859-3506.

Hired boy for 1992 part or fulltime. Also good Husky stud. Daniel Esh, Clearview Rd., Ronks, PA, near Intercourse.

Versatile bidirectional tractor, prefer Model 256. Buy or trade IH 1466 or 560 on it. Centre Co. 814-364-9926 eves.

JD fenders to fit 630. Also rear wheel & front end weights. Bucks Co 215-766-2106.

1½ " glass milk pipe 8' with inlet. Also late model vacuum controller 215-267-7349.

Cletrac model E or EN, narrow gauge crawler tractor in working or restorable condition. 315-942-4377 eves.

Young female Chinchilla to replace child's beloved pet. Must be reasonably priced Chester Co. Leave message - 215-458-8458.

Clutch drum housing for independent PTO clutch for MF 175. Part #515875M92 Mifflin Co. 717-543-5533 after 6PM

Attic Flooring and Log Houses. 717-626-4520.

H.S. Gilbert Chambersburg 7 in 1 combination wrench wanted. Name your price. Write- Harry Wehler, 3655 Admire Rd., Dover, PA 17315.

Old Maryland milk bottles by serious collector. Cash paid or will trade. Call collect after 6 p.m. 301-721-0473. Crownsville, Maryland.

Miniature jenney donkey must be under 35", any age, to excellent home on farm w/other donkeys. Call collect 301-875-0118.

Winross 1989 Touring award employee, member or special issue Corvette club, Elmtree, United Way, Martin Meats, will buy or trade. Mike. Cumb. Co. 717-737-4386.

Propane refrigerators & freezers in good cond., also want 1961 Lincoln Continentals in any cond. Ocean Co. N.J. 201-929-4358.

Toys of any kind. Cars, trucks, planes, boats, robots, soldiers, etc., 1960's & older, cash paid. York Co. 717-292-5573.

MAILBOX MARKET NOTICE

Free Sears ergometer exercise bike in excellent condition. York Co. 717-432-4822.

Water Ram information booklets send $10. G. Kotula, 3037 Merritt, Reading, PA 19608-1013. Falling water pushes water uphill.

For Rent· Horse barn w/box stalls & paddock, also 37A general farm for rent. D. Martin Zimmerman, 1449 Main St., East Earl, Pa. 17519.

Let us know by 1/10/92 what you want listed in our auction on 2/27/92, 2/28/92. Elias S. Beiler, 601 Musser Sch. Rd., Leola, PA 17540 717-656-9733.

Heifers boarded reasonable rates full care year around. Cumberland Co. 717-486-7602.

Reward $100 for stolen welder (Century Five Star AC-DC). Paul Stoltzfoos, 717-656-9570.

We adopt and/or buy exotic animals: Deer, Pygmy Goats, Elk, Buffalo, Leopards, Cougars, Peafowl, etc. Berks, 215-374-2114.

Siberian Husky stud service red & white, silver & white, blue eyes. Adams Co. 717-334-3984.

Sale Reports

BUEHLER SALE

A Public Sale of antiques and collectibles was held December 28 by Ellen Buehler, north of Gettysburg, Pa. on Table Rock Road. There were 400 registered bidders attending the sale from 8 states.

Some prices included: Chippendale chest of drawers $5500, unsigned walnut Grandfather's clock $3700, small dry sink $625, blanket chests up to $600 each, washstands up to $340, servers up to $475, large 2 piece bookcase $2300, set of 3 Sheraton tables $3000, 4-drawer Hepplewhite chest $1700, very ornate carved Rosewood sofa $5800, mahogany high poster bed $1700, blind door 2 piece secretary $5200, 4-drawer file cabinet $430, signed tea kettle $925, Civil War tin types up to $975, stereoscope cards in lots of 4 or 6 (Civil War scenes) $240 to $290 per set, carved rolling pin $250, small wire plant stand $200, 3-legged pots $375 each, 30 lots of old photos $102.50 each, Wedgewood pieces up to $290, copper bucket $140, small pottery molds up to $110, 3 tablespoons (signed) $390, and crocks up to $190, plus a 6'x8' Oriental carpet $1200.

C. David Redding, Dennis Plunkert and Douglas Redding were the auctioneers.

CRAIG SALE

A Public Sale of real estate was held December 28 by Gladys S. Craig, Brown Road in Nottingham, Little Britain Twp., Lanc. Co., Pa.

The 46 acres, zoned agricultural, consisted of 17 acres of tillable land and 27 acres of meadow with a stream and 2 acres of woodland was sold for $130,500.

The property was bought by Brown and Frances Honeycutt of Coatesville, Pa.

Kreider, Kline and Good Auctioneers conducted the sale.

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17	18	19	20

FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mailbox Market. Subscribers using the Mailbox Market MUST use this form with mailing label attached and will be governed by the following rules:

Limit your advertisement to 20 words; area code must be added to phone number or ad will not be published, and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Monday or same will be held over for next week's paper; no business ads accepted.

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NON-REFUNDABLE

Sale Reports

LAPP SALE

A Public Sale of registered Holstein cows and heifers was held December 17 by J. Elmer and Sadie Lapp, 3 miles east of Rt. 10 and Rt. 340 intersection in Chester County, Pa.

The average of the 74 head sold was $1640. There were 41 cows sold and the top ten averaged $2400. The top cow brought $3000 and the second high was $2800.

Steve Petersheim and Steve Jr. were the auctioneers.

STOLTZFUS SALE

A Public Auction of cows, horses and horse drawn farm machinery was held December 19 by Daniel B. and Naomi M. Stoltzfus, Shaffertown Road, Madisonburg, Pa. This was 4 miles west of Rebersburg.

Some prices included: 9 year old Belgian team $1425 each, 14 h.p. Lister diesel motor $1600, 2-bottom riding plow $2900, binder-loader $400, N.H. 455 mower $950, N.H. 404 crusher $500, crop chopper with motor $1600, Pequea manure spreader $1900, Int. 56 corn planter $600, 16 ft. flat bed wagon $700, Int. 35 hay rake $1200 and ear corn $105 per ton.

The 27 grade Holstein cows brought the following prices $1900, $1850, $1650, $1600 and $1500. A heifer calf was sold for $175.

Bryan D. Imes was the auctioneer.

DIETZ ESTATE SALE

A Public Auction of real estate and personal property was held December 21 for the estate of John H. Dietz, Dark Hollow Road, Hallam Twp., York Co., Pa. There were 320 registered bidders and a crowd of about 600 attending.

The 3 acres of land with a 2 story house with aluminum siding and a 1 car block garage and utility building was sold for $93,000.

Other prices received were: Marlin 22 cal. with scope $250, Beretta 12 ga. shotgun $250, H&R pistol $170, Ithaca 22 cal. with scope $510, Planter Jr. garden cultivator $24, David Bradley garden tractor $100, 1969 Ford Galaxy $750, Hotpoint refrigerator $160, Ariens rototiller $575, J.D. 180 lawn & garden tractor $775, picnic table & benches $80 and apple bottle $19.

Blaine and Nevin Rentzel conducted the sale.

FARM TOY SALE

A Public Farm Toy Show and Auction was held December 28 at "Days-Inn", Keller Avenue, Lancaster, Pa. There were 165 registered bidders at the sale.

Some prices received were: Hess split-window tanker truck $190, Structo Mail truck $260, Winross trucks from $25 to $140 each, Farmall 560 toy tractor $140, A.C. 7060 tractor $110, I.H. 240 tractor $260, J.D. 435 show tractor $130, N.I. 1 & 2 row pickers by Weber $400 each, Wood Bros. picker by Weber $300, J.D. 55 combine $170, I.H. 966 tractor $160, Oliver 88 pedal tractor $910, and Case VAC pedal tractor $650.

The next toy auction will be held February 1 at the New Holland Fire Hall in New Holland, Pa.

The auctioneer was Dale Stoltzfus.

GEORGE SALE

A Public Auction of farm equipment and feed was held December 28 by Lloyd E. and Frances J. George, 6 miles south of Danville, Pa.

Some items sold were: Case 1070 tractor w/cab $9200, Farmall 547 tractor with loader $5000, Farmall M tractor $1525, Brillion harrow $575, N.H. 316 baler $7700, M.F. chopper $1300, top quality alfalfa hay $142 per ton, high moisture corn $70 per ton and haylage $22 per ton.

Horning Farm Agency, Inc. conducted the sale.

GLADFELTER CONSIGNMENT SALE

A Public Sale of baseball items and antiques was held December 27 and December 28 at the Springetts Fire Hall, 3013 E. Market St., York, Pa.

Some prices received were: 1 box of World Series programs $540, 150 salt & pepper including 1939 World's Fair $10 per set and Mickey and Minnie Mouse $55 per set, art glass Handel lamp (damaged) $1025, Edison phonograph (floor model) #200 $600, walnut cylinder roll-top desk $1100, mahogany dining suite $900, cast iron Christmas tree fence $265, offering basket $20, old child's sled $40 and pieces of Degenhart $4 to $15 each.

Gary Gladfelter was the auctioneer.

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

JAN.

WED. JAN 1 - 8:30AM, Furniture, Collectibles, Coins, Personal Property. Located 1-1/10 mi N. Machester, PA., Along RT 181, Turn Right at Gray Rock. Watch for Signs. Rentzel's Auction.

WED, JAN 1 - 9AM, Antiques, Tools, Hardware "OLD DENVER SCHOOL", Located Corner of 4th St & Walnut St, Denver Boro, Lancaster Co. Art Pannebecker, Auct.

WED. JAN. 1 - 9AM, Annual Public Sale, Farm Tractor, Vehicles, etc., located 7 mi S. of Martinsubrg, WV or 14 mi. N. of Winchester, VA off Int. 81, take Exit #5 (Inwood) Rt. 51 E approx 3½ mi E. of Inwood, WV, turn right at Shutts Cash Grocery, .2 mi. Edgar A. Bohrer, Sale Mgr.

WED. JAN. 1 - 3PM, Antiques, Collectibles, Toys & Dolls, Horst Auction Center corner of Rt. 322 & Durlach Rd., Ephrata, Lanc. Co., PA, T Glenn Horst Aucts.

FRI. JAN. 3 - 9AM, New & Reconditioned Equipment Consignment Sale, located take Rt 472 S. from Quarryville, turn E. on Maple Shade Rd at Kirkwood Post Office, go 1 mi to Coopers Dr. (2nd Right), continue ¼ mi to sale, Kirkwood Repair Shop-Samuel K Zook, owner, Rentzel's Auction Service, Aucts

FRI. JAN. 3 - 10:30AM, Farm Equip., Skid Loader, Cattle & Grain Trucks, Dairy Equip., located Exit off the NE ext. of turnpicke at Lansdale exit, turn E. onto Rt. 63 go .2 mi., then follow Rt. 63 left for anoth 2 mi. to Hatfield Quality Meats sign, turn onto Funk Rd., go .7 mi., turn R. onto Derstine Rd., go 1 mi. to 1st farn on right, Montgomery Co., PA, John & Paul Rohr, owners, Ralph W. Zettlemoyer Auct. Co., Inc., Aucts.

FRI. JAN. 3 - 11AM, 101 Acre Farm and 20 Acre Parcel, located along Sunnyburn Rd., Mt. Joy Twp., Lanc. Co., PA, Robert E. & Loraine D. Ginder, owners, Horning Farm Agency, Inc., Aucts.

FRI. JAN. 3 - 1:30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD.

FRI. JAN. 3 - 4:30 PM, Antiques, Furnishings, Collectibles. Located Friendship Fire Hall, New Haven Street, MT.Joy, PA, Lancaster Co. Harold Keller Auct.

SAT. JAN. 4 - 9AM, "Bankruptcy Auction". Hunting Jackets, Knives, Fishing Lures, Etc. Owners Spring Forge Trading Co. Located Friendship Fire Co., 73 S. Main St., Spring Grove, PA. Gilbert & Gilbert Auct

SAT. JAN. 4 - 9AM, Antiques, Tools, Hardware. "OLD DENVER SCHOOL", Located corner 4th St & Walnut St., Denver Boro, Lancaster Co Art Pannebecker, Auct.

SAT. JAN. 4 - 9:30AM, Trucks, Trailers, Tractors & Equipment, located along Chestnut Tree Rd., W. Nantmeal Twp., Chester Co., Omar & Ruth Beam, owners, Horning Farm Agency, Inc., Aucts.

SAT. JAN. 4. - 10AM, Britains Figures, Farm Toys, Wind Up and Battery Toys, Clocks, Antiques, Imari Country & Victorian Furniture. Ridge Fire Co. Blue Room, along Rt 23, between Phoenixville, PA & RT 100. Ted Maurer, Auct

SAT. JAN. 4 - 10:30AM, Garden Tools, HH Goods, Personal Property, located West Side of Adamstown, Lanc. Co., PA, from Rt. 272, N. on Cocalico Rd. to Black Angus Rest., ½ mi to farm, Leon & Eva Youndt, owners, LeRoy S. Horst and Paul W. Horst, Aucts.

SAT JAN. 4 - 11AM, "Repossessed Vehicles" Keystone Public Auto Auction. Located RT 22/322, Between Dauphin & Clarks Ferry Bridge, PA.

TUES. JAN. 7 - 10AM, Oriental Rugs, Faucets, Locksets Doors, Windows, Nails, Tile Const., & Off. Trailers, Tools, Vanity Tops, Heaters, Generators. Located 1825 E. Boston Ave., Philadelphia, PA. Comly Aucts.

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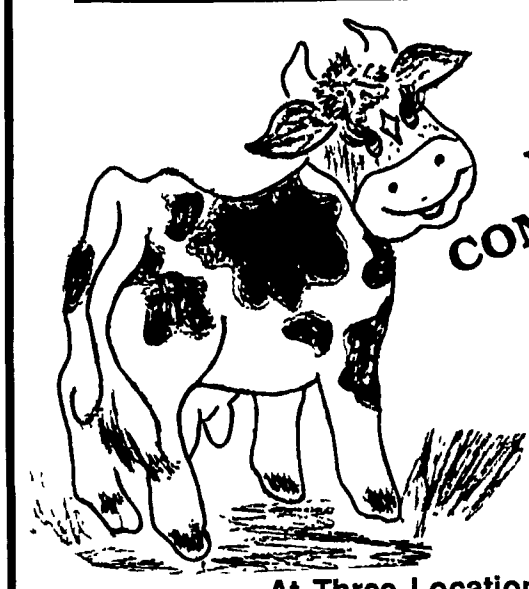

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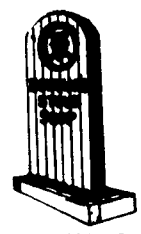

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FARM EQUIPMENT AUCTION
Friday, Jan. 10, 1992 9:00 A.M.
CONSIGNMENTS WELCOME!

TRACTORS- Ford 3400; Deutz 4506; JD 520 w/3 pt. JD 440 Crawler Loader Gas Rebuilt w/Reverser; JD R Diesel w/ Pony Start; JD AR; JD D.

FARM EQUIPMENT- IH 5 bt. plow; JD 40 Disc - New Blades; Brillion Seeder; Lily Spreader; Lundell 3 pt. chisel plow; Bear Cat Grinder Mixer; JD 8250 Drill; NH 402 Crimper; NH 275 Baler w/ Engine; Accorn 20' Stable Cleaner w/ Cables & pull.

RECEIVING DAYS - MONDAY THRU THURSDAY, JANUARY 6 THRU 9 - 7 A.M. to 5 P.M.

SALE ORDER:
9:00 A.M. - Sale Starts
9:30 A.M. - Large Equipment
Noon - Farm Tractors, Trucks & Trailers
Noon - Lawn & Garden Equipment & Lumber
1:00 P.M. - Shrubbery

A & C Diffenbach Auction Inc.
100 W. Jackson St., Box 186
New Holland, Pa. 17557
(717) 355-7253 FAX # - 355-9547
Alan Diffenbach Auct. - AU2258-L

PUBLIC AUCTION

ANTIQUES, COLLECTIBLES, COINS, HOUSEHOLD GOODS

MON., JAN. 13, 1992
3 P.M.

Located at the Brickerville Fire Hall, just off Rt. 322 West of Ephrata in the village of Brickerville, PA.

Mahogany breakfront; Victorian chairs; beautiful birch bedroom furniture; old license plates; local calendars; feed bags; baskets; banks; toys; old tools; wooden boxes; RR lanterns; oil lamps; Christmas village; Flo Blue plates; carnival glass; iron bottle openers; many many boxes of goods from an estate storage lot.

Future auctions at Brickerville:
Jan. 25, 9AM, Toys & Baseball Cards
Jan. 27, 3PM, Fine Furniture, Antiques, Hummels

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Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

WED. JAN. 8 - 6:30PM, Winross Truck & Toys. A&C Diffenbach Auction Inc., 100 West Jackson St., Box 186, New Holland, Pa. 17557. Alan Diffenbach Auct.

WED. JAN. 8 - 3pm, Antiques, Household Goods, JD Riding Tractor Horst Auction Center, located at Corner of RT 322 & Durlach Rd (Approx. 2 mi W. of Ephrata, PA) Lancaster County, PA. T. Glenn Horst Auct.

THUR. JAN. 9 - 6:30PM, Winross Auction, Location Country Table Restaurant Banquet Hall, 740 E. Main St., Rt 230, MT.Joy, Lancaster Co., PA. All American Auction.

FRI. JAN. 10, State Graded Feeder Pig Sales at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

FRI. JAN. 10 - 9AM, Farm Equipment & Supplies A&C Diffenbach Auction Inc., 100 West Jackson St., Box 186, New Holland, Pa 17557. Alan Diffenbach Auct.

SAT. JAN. 11 - 9AM, Furniture, Antiques From Local Estates: 50 Pcs. Hummel Coll., Depression Glass, Prism Lamps, Etc. Located Rudnick's Sales, RT 213, Galenda, MD. Harry Rudnick & Sons Aucts.

SAT. JAN. 11 - 9AM, Antiques, Household Goods, Tools, Coins, Located Liberty Fire Hall, 339 E. Main St., New Holland, PA Paul E. & Aaron E. Martin Auc

SAT. JAN. 11 - 9AM, Antiques, Tools, Hardware, "OLD DENVER SCHOOL", Located corner 4th St & Walnut St, Denver Boro, Lancaster Co Art Pannebecker, Aut

SAT. JAN. 11 - 9AM, Antiques, HH goods, Tools, located at Liberty Fire Hall, 339 E. Main St., New Holland, PA, Barbara B. High and Anna B. Hoover, owners, Paul E. Martin Auction Service, Aucts.

SAT. JAN. 11 - 9:30AM, African & North American Trophy Collection, Antlers, Horns, Skulls, Guns, Etc. Located Springetts Fire Co. Social Hall, 3013 E. Market St., York, PA Gilbert & Gilbert Aucts.

SAT JAN. 11 - 9:30AM, Farm Machinery, Household Goods, Few Antiques, Collector Tractors, Weaverline Feeder. Owner Robert W. Campbell. Located Lancaster Co, 2 mi. W. Honey Brook on Mast Rd From RT 322 go S. on Churchtown RD, at Service Station to Mast Rd, Right, Watch for Sign on Left Steve Petersheim, Jr Auct

SAT JAN 11 - 12 Noon, 205 Acres M/L Farm, Beech Creek, Clinton Co, Beech Creek Twp., PA, Gerald & Elizabeth DuFour, owners, All American Aucts, Darvin J. Rodgers, Jr., J. Kevin Noll, Appr. Rltr., Philip V. Nissley, Aucts.

SAT. JAN. 11 - 12Noon, 64 Acre Dairy Farm, Hickory Bottom Road, Bedford Co., Woodbury Twp, PA, John H Replogle, seller, "Cal" Brian W Figard, Auctioneer

SAT JAN 11 - 1PM, 100 +/- Acres Lehigh Co Dairy-RE Deeded in 4 Separate Parcels, Main Facility now Used as dairy operation, located in Lynn Twp., Lynnport, PA, Ralph & Marie Dietrich, owners, Horning Farm Agency, Aucts

SUN. JAN. 12 - 1PM, Bar Item[illegible] Joe Shoup Located 900 Center [illegible] Ashland, PA. (Old Eagles Club) Autotore Auction Co., Aucts.

MON JAN 13 - 3PM, Antiques, Collectibles Coins, Household Goods Owner Daniel Erb Estate E M Murry Associates Auct

TUE JAN. 14 - 6.30PM, Winross Auction, Located Table Restaurant Banquet Hall, 740 E. Main St, RT 230, MT.Joy, PA, Lancaster Co, All American Auction

WED JAN 15 - 9AM, Farm Machinery, Silage & Hay located Mill Hall, PA, close to Rote, Clinton Co, Mark and Priscilla Stoltzfus, owners, John Esh, Auct

WED JAN. 15 - 10AM & 1PM, Two Real Estates, #1-off Rt. 30 take Rt 10 S to Upper Octorara Church, turn left onto Octorara Rd, #2-from Coatesville, PA take Rt. 82 S to Getty Deli, turn right onto Strasburg Rd., turn left on S Park Ave, Estate of Henry Tsheschlot, Kenneth Griest & John Stoltzfus, Aucts

THUR JAN 16 - 9AM, Rebar & Metal Fabrication Equip, Office Equip Owner T D.B.A American Rebar-Matic & Machinery Co Located 75 Acco Dr, York, PA (From RT 83 Take Ext 6E, Go S. on Queen St to Acco Dr, Look for Arrows) Gilbert & Gilbert Aucts

FRI JAN 17 1 30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD

SAT JAN 18 - 10AM, Industrial Power Equip, Parts, Supplies, Etc Goodrich Auction Service, RT 38 & 38B, Newark Valley, NY

SAT JAN 18 - 10AM, Egg Farm Machinery, Combines, Planters, Payloaders, Semi Tractors & Trailers, Dump Trucks Owners Croton Egg Farm Machinery Located 10513 Croton Rd (Approx 25 mi N E Columbus, OH John "Red" Shaw Auct

SAT JAN 18 - 10AM Crushers, Balers, Loaders Trucks, Containers Equip Owner Crystal City Enterprises Inc Located 78 Winfield St, Corning, NY Roy Teitsworth Aucts

SAT JAN 18 10AM, Farm Machinery, UD 4230 Dsl, 1200 Gal Girton Milk Tank, Bouamatic Computer Feeding System, Located Chester Co, PA, 1 mi E. of Octorara High School, Nelson & Joyce Stoltzfus, owners, Steve and Steve Jr, Petersheim, Aucts.

SAT. JAN. 18 - 10AM, Valuable Real Estate, Full Line of Woodworking Shop Equip. and Small Hand Tools, located take May Post Office Rd. S. from the square in Strasburg 6 mi., turn right on Eden Rd. 1 mi to property, Stephen L Esh, owner, Diffenbach's Aucts.

SAT. JAN. 18 - 10AM, Garage Equipment and Radiator Repair Equipment, located Bierly's Garage, Main St., Rebersburg, PA, Centre Co., Kip Bierly, owner, Leon J Smith, Jr and Son, Aucts.

WED JAN. 22, 23, 24 - Large 3 Day Sale, Farm Equipment, Etc At Our Place of Business, ¼ mi E of Marion, PA, Just off RT 81 Ralph W. Horst Auct

THUR. JAN. 23 - 9AM Draft Horses, Farm Machinery, Milk Equipment, Produce Equipment & Supplies. Owners Samuel F. Stoltzfus. Located Lancaster County PA 3 mi SE of Intercourse, 2 mi N. of Gap from 772 go S on Pequea Valley RD, Opposite Pequea Valley High School Steve Petersheim Jr Auct

THUR JAN 23 - 1PM, Real Estate, Owner Ralph W. Horst Located Horst Machinery Sales Lot, Just E off RT 81, Exit 4, Marion, Pa David Gossert Auct

AUTOTORE'S AUCTIONS

Sunday, Jan. 12, 1992

1:00 P.M. START

Location: 900 Center St., Ashland, Pa. The Eagles Club.

BAR ITEMS: Art Deco 28' bar w/18' back bar w/blue mirror, Approx. 17 square tables, 3-8' folding tables, approx. 10 chrome chairs, approx. 20 folding chairs, 14 bar stools, Cole file safe, 4 Ft. Melink floor safe, Lg. Carrier air conditioning system, DBL slide lid beer cooler w/ compressor, Frig. ice maker, 3 dispenser keg tap system cooler, stainless steel sink, 6x15x6 Ft. high wall in cooler with Westinghouse compressor, G.E. Electric stove, Gibson Ref. dishes.

COLLECTIBLES: Deco light fixtures, kitchen cupboard, porcelain bath fixtures oak tables, 2 sets of pocket doors, oak settee.

TERMS: CASH

SELLER: JOE SHOUP
Auction Manager: Virginia Autotore
717-784-3506
Auctioneer: Kim Autotore Crawford
AU-2018-L 717-785-3797

NOTE: Sale will be held in side building but there is no heat!!!! Joe just recently bought the building and everything is for sale from the cast radiators to the stairways.

Clip And Save Only Ad!!!

PUBLIC SALE

TUESDAY, FEBRUARY 18, 1992

10:00 A.M.

Located 8 Miles South Of Quarryville, Six Miles North Of Oxford Little Britain Road Off Route 222, Go East On Noble Road, One Mile, Left On Spring Hill Road To Third Farm, Lanc. Co. Penna.

MODERN FARM EQUIPMENT

John Deere "4430" with new 23" radials; John Deere "2750" four wheel drive; John Deere "3130" (2940) with new 18" radials; John Deere "450B" Crawler-Loader; Case "2290" 150 h.p. 2500 hours with cab and air; Case "1845C" skid loader with Cummings Diesel.

John Deere "730" Diesel; Ford 8N; Oliver "66" with cultivators; Farmall "Cub" with cultivators; Allis Chalmers "G" with Hyd., cultivators and blade; John Deere "400" riding mower with new motor, 3-point hook-up Rototiller, 60" cut mower; John Deere "S82" 8 h.p. 30" cut riding mower.

New Holland "1890" Self-Propelled Chopper, with 1618 hours on the cutter head; Low profile "auger base" three row narrow head with pick-up.

New Holland "275" baler with thrower; New Holland "357" grinder mixer with scales; New Holland crop dryer.

SPENCER HYD*DRIVE TURKEY LOADER

Three Dion 3-beater wagons with roofs; John Deere "714" wagon.

New Holland "489" and "495" Haybines; New Holland "256" and "55" hay rakes; New Holland "28" and "27" blowers; Ford Blower; Pequea hay tedder; New Holland "162" hay tedder; John Deere #7 side mounted mower.

Glenco 7-tooth Chisel plow; John Deere "970" 14' Cultimulcher; I.H. 6-row cultivator; John Deere "400" 3-point hook-up rotary hoe; Brillion 14' cultipacker.

DustBuster 14' disc harrow with folding gangs; two wagons with high hay racks, one has new steel racks; John Deere grain drill on rubber.

John Deere "7000" 6-row Maxi-Merge corn planter, with liquid fertilizer attachment; Zimmerman 3-point hook-up sprayer.

Badger 14' Ring Drive ensilage unloader; Weaverline Hydro-Static Stainless feed cart; New Idea elevator; Gravity bin; Massey-Ferguson 3-P Blade.

Brillion 9' two blade P.T.O. rotary mower; Woods 3P Highway mower; A.C. 3 PT mower.

Big Dutchman corner drive chain feeders; Mix-Mill with many augers; 50' 8" auger elevator; 20'x6" auger; 8" grain auger.

79 Volvo Diesel with 20' bed and new rubber; 70 Mack Diesel with 22' bed and good rubber; 81 Chev. Pick-up; 83 Ford Escort wagon; Tandem axle 14' trailer with dump bed; Tandem Axle 12' trailer with cattle racks; Dual wheel dump cart; Snowmobile trailer.

Duals for "4430" and "4010" tractors; Portable 45 K.W. generator; 12 K.W. P.T.O. generator; 3 Pt. Buck saw; 3 Pt. Cement mixer; Onan generator; Hyd 3 PT hook-up wood splitter; John Deere post hole digger; Metal band saw.

Six ton metal feed bin; 1250 and 1500 and 300 gallon liquid fertilizer tanks; Fertilizer pump.

Troy-Bilt Tiller; Sears 8 h.p. counter rotating tines; several small tillers.

Large and small air compressors with tanks; 20 ton Hyd. Press; 10 ton air jack; Drill press; Lincoln welder; Bishman tire changer; Homelite chain saw; Back-Pack sprayer - duster; Electric motors and Drills; Many Hydraulic cylinders and motors.

Metal storage racks; bolt bins; Portable tables; Pick-up tool box.

Glenco coal stoker.

Four boxes of new white aluminum siding; Thirty 18' floor joists; used lumber; doors.

Some Household Items including Colonial old fashioned kitchen range, with water jacket.

Sale at 10:00 A.M.

Allen and Arlene Weaver, Owners

Diffenbachs Auctioneers 225L
717-393-4464

PUBLIC SALE

SAT., JANUARY 25, 1992 - 9:30 A.M.

Located Six Miles South Of Quarryville, Six Miles North Of Oxford, One Mile East Of Route 472 From Kirkwood At 584 Cooper Drive, Colerain Twp., Lanc. Co., Pa.

REAL ESTATE

Stucco House With Seven Rooms And Bath, Attached Store Sales Room Area. Full Basement — House Is 6 Yrs. Old.

Three Story Block And Frame Barn With Four Box Stalls. Metal Roof On Buildings.

Well - Septic System & Drainfield.

Large Stoned Parking Area.

Land Area 3 Acres More Or Less.

EQUIPMENT AND SUPPLIES

New 8'x16' Storage Shed; 2500 Gallon Air Tank; Deutz 2 Cyc. Approximately 20 H.P. Diesel; 275 Gallon Fuel Tank.

8'x8' Walk-In Take Apart Cooler With Two Cold Plates; Show Case Cooler With Cold Plates; Domestic And Siber Gas Refrigerators; 2½ H.P. Cooling Compressor; Small Cooling Compressor With Electric Motor; Counter; Metal Shelving; Flat Cart; Bag Wagon; Bucket-A-Day Stone With Water Jacket; 30 Gallon Tank; Shenandoah Wood Or Coal Stove.

Quincy 3 H.P. Air Compressor; Emglo Twin 2½ H.P. Air Compressor; Mud Mixer, Like New; 8" Belt Edge Sander With 48" Table.

Air Tools; Two Bostitch N-80 Nailers; Bostitch Roofing Nailer; Table Saw; Wood Lathe; Makita Battery ½ " Drill; Makita Battery Saw.

Ten Sets Of Metal Scaffolding; Roof Jacks; Pole Jacks; Weed Eater; Iron Kettle; Locust Posts; Railroad Ties.

Store Inventory — Groceries, Canned Goods, Bulk Foods, Cereal, Etc.

Hand Made Wood Toys Include, Wagons, Trucks, Manure Spreader, Some Unfinished, Etc.

Inspection Of Property Anytime Except Sundays.

Terms Of Real Estate 10% Down, Balance In 30 Days.

Sale At 9:30 A.M. Real Estate At 11:00 A.M.

Owners
CHRIST F. AND MARY S. STOLTZFUS

Ed Miller, Atty.
Diffenbach's Auct. 225L
717-393-4464

CRYSTAL CITY ENTERPRISES INC.

SCRAP YARD EQUIPMENT LIQUIDATION

78 WINFIELD ST., CORNING, N.Y.

SAT., JAN. 18 at 10:00 A.M.

CRUSHERS BALERS LOADERS TRUCKS CONTAINERS EQUIPMENT

NOTICE: Crystal City property is being taken to make way for the new highway. All equipment must be sold. A "Gold Mine" here for recyclers and scrap yard people.

SELLING: 1987 Big Mack car flattener; trlr mtd. car flattener; Al-Jon trlr. mtd. metals baler w/Barco ldr.; Dempster tin baler; Richards 300T. shear; crane w/magnet; (2) Bantam excavators w/grapples; Case W20B art. ldr.; Case W18 ldr.; IH 250 track ldr.; 4 Mack T/A tractors; (2) 1989 Dorsey 30' steel dump trlrs; 78 Gilmore steel dump trlr.; 2 flat trlrs.; 81 E.B. roll off trlr.; (2) 40 yard containers; (12) roll off containers; fuel tanks; truck scale; platform scale; forklift; misc. Mack parts; sweat furnace; grapple; magnet; office supplies; small tools & shop supplies and much much more.

OWNER: Crystal City Enterprises Inc. (607) 936-6265.

ROY TEITSWORTH, INC.
SALES MANAGERS & AUCTIONEERS
6502 BARBER HILL RD., GENESEO, N.Y. 14454
716-243-1563

Roy Teitsworth, Inc.
PROFESSIONAL AUCTIONEERS
GROVELAND P O GENESEO N Y 14454
TEL. 716 243 1563

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI JAN. 24, State Graded Feeder Pig Sales at Carlisle Livestock Market, Inc, Exit 12 East off I-81, Carlisle, PA

FRI JAN 24, 10AM 36 Head Holstein, Horse Drawn Machinery, Some Household Owner Isreal S Yoder, Located Centre County, 3 mi E Aaronsburg, PA, Turn S Quarry Rd Mark Glick Auct

SAT JAN. 25 - 9:30AM Backhoes, Contractor's Equipment, Tools, Materials, Office Copiers. Owner C-S Construction Co. C C Miller & Son Aucts

TUES. JAN. 28 - 9AM, Quilt, Craft & Buggy. A&C Diffenbach Auction Inc., 100 West Jackson St., Box 186, New Holland, Pa. 17557 Alan Diffenbach Auct.

SAT. JAN. 25 - 9:30AM, Farm Machinery, Milking Equipment, Draft Horses, AC tractor. Located Lancaster County, PA, 5081 Old Philadelphia Pk, 3 mi E. of Intercourse. Steve Petersheim Jr. Auc.

WED. JAN. 29 - 9AM, Quilt, Craft. A&C Diffenbach Auction Inc., 100 West Jackson St., Box 186, New Holland, Pa. 17557. Alan Diffenbach Auct.

WED. JAN. 29, - 1PM, OUtstanding 117 Acre Lancaster County Farm Located at 201 Royer Rd, Ephrata, PA, Lancaster County, PA Ada S Royer Estate T Glenn Horst & Sons Aucts

THUR. JAN. 30 - 12 Noon, Arts, Crafts, Framing Material. Owners Jan Lan, Inc. Located on the Square, Ephrata, PA, Lancaster Co T Glenn Horst Auct

FEB.

SAT. FEB. 1 - 9AM, Val. HH Goods, Antiques, Tools & Guns, between Rt. 30 and 340, turn off Rt. 30 on N. Ronks Rd., turn right on N. Cherry Lane, Lanc. Co., PA, Nancy B. Renno, owners, Robert E. Martin and Jeffrey R. Martin, Aucts. and Randal Ranck, Appr.

SAT FEB. 1 - 9:30AM, Harness Shop Items, Livestock, Machinery. Owner Henry J. Yoder. Located Centre Co, 1 mi. E. Aaronsburg, PA, on RT 45, Turn N on Kramer Rd, ½ mi to Farm. Mark Glick Auct.

SAT. FEB. 1 - 2PM, 82 Acre Farm, located along Church Rd., 1 mi. N. of Richfield, Snyder Co., PA, Amos K. and Mabel H. Martin, owners, Nevin Martin and Andrew Martin, Aucts.

SAT. FEB. 1 - 5PM, 6th Annual Consignment Auction of Farm Toys and Toy Trucks at the New Holland Fire House on E. Main St., Dale Stoltzfus, Auct

MON FEB. 3, C.A.G. Farms, Inc. Dispersal-Potato-Sod-Spinach-Pickle-Carrot-Grain Equipment and Irrigation Lines, located Massey, MD, Kent Co, Charles A Gemberling, owner, Pirrung Auctioneers, Inc., Aucts.

TUES. FEB. 4 - 9AM, Horses, Heifers, Farm Machinery, Welding Machine Shop Items. Owners Abram S Fisher Located Centre Co, Midway Between Madisonburg & Rebersburg, PA, Turn S. off RT 192 Onto Old Pike Rd, 1st Farm. Mark Glick Auct

TUES. FEB. 4 - 6.30PM, Wholesale Furniture. A&C Diffenbach Auction Inc., 100 West Jackson St., Box 186, New Holland, Pennsylvania 17557 Alan Diffenbach Auct.

WED. FEB. 5 - 6 30PM, Winross Truck & Toys A&C Diffenbach Auction Inc, 100 West Jackson St, Box 186, New Holland, Pennsylvania 17557. Alan Diffenbach Auct

FRI. FEB. 7 - 1:30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD.

SAT. FEB. 8 - 9AM, Mules, Horses, Full Line Of Good Farm Equipment, Tools, Etc. Located 2½ Miles East Of Lancaster, 1 Mile Northeast Of Route 340 At 2008 Horseshoe Road, East Lampeter Twp., Lanc. Co., Pa. Owner, Paul Smucker. Diffenbach's Auct.

SAT. FEB. 8 - 9:30AM. 36 Head Holstein, Horse Drawn Machinery, Some Household. Owner Enos. J. Hershberger, Located Centre Co, 3½ mi E. Aaronsburg, PA, Turn S on Fiedler Rd, 2nd Farm. Mark Glick Auct.

MON. FEB. 10, Potato and Grain Farm Equip., Auction for the Estate of Clyde Cross, Pike, NY, Wyoming Co., Pirrung Auctioneers, Inc., Aucts.

TUES. FEB. 11 - 9:30AM, Livestock & Farm Equipment. Located 3 Miles Northwest Of Intercourse, ¼ North Of Route 472 From Mascot Mill (Resslers). First Farm On Right Along Stumptown Road. Owner, Abram S. Stoltzfus. Diffenbach's Auct.

FRI. FEB. 14 - 9PM, Farm Equipment & Supplies. A&C Diffenbach Auction Inc., 100 West Jackson St, Box 186, New Holland, Pennsylvania 17557. Alan Diffenbach Auct.

PUBLIC SALE

Farm Equipment - Milk Equipment
DeLaval Double Four Milking Parlor
200 Cow Capacity Computer Feeding System
Twelve Hundred Gallon Milk Tank

Saturday, January 18, 1992

10:00 A.M.

Sale held on the Farm in Chester County, PA on Highland Road, One mile East of Octorara High School, Five mile South of Gap. From Rt. 41 go East on Highland Road.

Barn & Milking Equipment

DeLaval parlor, complete with 3" Stainless Steel low line, stainless steel receiving jug, parlor stalls, line washer, sells as one unit; DeLaval No. 78 vacuum pump, sells separate with vacuum reserve tank; DeLaval reclaimer tank and a 7.5 h.p. motor; 4 DeLaval milker units, sell separate; solid state DeLaval controller, sells separate; Bow-a-matic 200 cow capacity computer feeder and cow calendar; terminal and printer sells as unit; cow tags; 3 stalls with dual feed, sell separate; 2-90 ft., 2 inch feed augers, units with motors and tubing; DeLaval heat reclaimer; Girton 1200 milk tank with Girton tank washer; 2 four h.p. cooling units, sells separate; DeLaval milker pail for individual milking; D.H.I.A. accurate precision timer; Parlor washdown pump; Stainless Steel tubs; Three 24" circulating fans; Stewart clipper; Frey head gate; Box stall partitions; 50 ft. belt feeder complete with motor; four hole energy free water fountain; 8 calf hutches; 2 compartment, 2 ton steel feed bin.

Farm Equipment - John Deere Tractor

John Deere 4230 diesel tractor, quad range, wide front, sound guard cab, dual hydraulic outlets, bought new by the Stoltzfus's; Brillion 10 ft. chisel plow, pull type; John Deere 210 disc harrow, Hi-flo tires; John Deere 10 ft. cultimulcher; John Deere 7000 four row corn planter with monitor and fertilizer auger; Hesston hydro swing 9 ft. haybine; 9 ft. New Idea cutditioner; Kuhn tedder; **New Holland 846 round baler,** excellent condition; John Deere wagon set up for round bales; 3 pt. hitch bale mover; front end loader top spear bale mover; International no. 10 grain drill, 13 disc opener; Fidelity 83,000 - 130,000 watt back up generator, portable; wagon load of small items; hay preserve applicator; 56 compartment stocked bolt bin; case of grease tubes; hay moisture tester; heavy jack; half inch reversible drill; 2 h.p. bench grinder; 6 round bales straw; 4 bales of corn fodder.

Sale Order: Small items - not many, Barn & Milking Equipment, Farm Machinery.

Owners:
Nelson & Joyce Stoltzfus

Auctioneer:
Steve
Steve Jr. Petersheim:
215-593-AUCT
Lic. #AU-001349-L

Food By Hershey Mennonite Church Youth Group

BARBARA B. HIGH

PUBLIC AUCTION

ANTIQUES, HOUSEHOLD GOODS, TOOLS

SAT., JANUARY 11, 1992
Auction Time- 9:00 A.M.

AUCTION TO BE HELD AT LIBERTY FIRE HALL, 339 East Main Street, New Holland, PA.

ROLL TOP DESK

Hutch; oak extension table w/8 boards; blanket chest w/2 drawers; wash stand; small table w/ drawer; comb grained blanket chest; early double bed; 3 dressers; 6 arrowback dec. chairs; 3 fiddle back chairs; half spindle chair; early dec. chair w/ arms; misc. chairs; wooden rocker; bureau; 2 clothes trees; lg. porch bench; misc. upholstered chairs; sofa; sofa bed; office chair; extra length box spring & mattress; metal wardrobe; typewriter table; child's platform rocker; 8 folding chairs; small tables; plant stands; wooden benches; ***PFAFF*** elec. sewing machine w/cabinet; quilt frame; G.E. 30" elec. stove; Whirlpool dryer; Hoover upright sweeper; small elec. appliances; ***BOOKS; BARKER'S "KOMIC" PICTURE SOUVENIR BOOK; 1914 FARMERS' DIRECTORY*** of Lanc. Co.; Nolt Family History book; Weaverland Conference Directory; John High Family book; John & Susanna Musser book; Huber-Hoover book; lot of post cards; old sale bills; ***QUILTS:*** old & new; misc. linens & bedding; counterpane; cushions; quilting material; ***ADAMS MUSH BOWL,*** cup & saucer, plates; Japan dishes; German dishes; 2 peacock dishes; lot of fruit & veg. dishes; carnival glass; depression glass; glass baskets; shaving mug; shaving set; gold edged water set; jars; corn pitcher; early salt & pepper shakers; ***CHALK POODLE;*** lot of wooden items carved by the late Isaac High, including 3 Conestoga wagons w/horses, hay wagon, animals, figurines; baskets; dolls; toy chest; sewing rooster; sewing items; wash basket; iron kettle; flat iron; crocks; small chests; ***SESSIONS MANTLE CLOCK; SETH THOMAS CLOCK;*** wooden cigar box; pictures; lamps; fans; heaters; min. anvil & hammer; agateware; ladles; knives; sharpening steel; misc. housewares, sizing box; ***COINS:*** silver dollars, halves, quarters, etc.; ***TOOLS:*** air compressor; M.T.D. lawn mower, 2 yrs. old; wheelbarrow; rototiller; ***LATHE; TABLE SAW;*** bench grinder; jointer & sander comb.; drill press; B&D circular saw; vise; battery charger; ¼ & ½" elec. drills; clamps; porch swings; step & ext. ladders; digging iron; sledge; lot of misc. garden & hand tools.

AUCTION BY
BARBARA B. HIGH

ALSO SELLING SAME DAY, SAME LOCATION, FOR ANNA B. HOOVER: Oak ext. table w/6 boards; child's dec. rocker; 6 dec. arrowback chairs; misc. chairs; oak square table; 2 rockers; plant stand; small table; dec. foot stool; wicker plant stand; wardrobe; china closet; lg. cedar chest; breakfast set; ***GOLD POCKET WATCH;*** 8 day key wind ***WATERBURY MANTLE CLOCK; OLD QUILTS:*** patchwork, basket design & others; braided rug; linens; 1909 Public Sale bill; Mennonite Cookbook; veg. & fruit dishes; dec. tin mug; Bavaria, Depression, carnival, Goofus glass; set of china; vases; wooden handle knives & forks; tinker toys; postcards; lot of misc. housewares.

NOTE: All items removed from residence to Liberty Fire Hall. Auction begins 9:00 A.M. w/small items. Coins at 12:00 noon, furniture at approx. 2:30 P.M.

TERMS: Payment in full day of auction by cash or good check. All out-of-state buyers paying by check must have a bank letter of credit addressed to this specific auction.

TERMS BY
BARBARA B. HIGH
ANNA B. HOOVER

Food at Auction

Paul E. Martin Professional AUCTIONEERING
Martin Auction Service
AU-001601-L
Paul E. Martin 717-733-3511
Aaron E. Martin 717-738-4168
Ephrata, PA

ADA S. ROYER ESTATE

PUBLIC SALE

OF OUTSTANDING 117 ACRE LANCASTER CO. FARM EPHRATA

WED., JANUARY 29, 1992

AT 1 P.M.

Located at 201 Royer Rd., Ephrata Township, Lanc. Co., PA. (Directions: Rt. 272 to traffic light in Akron, turn West onto Main St., continue onto Royer Rd. to first farm after crossing Cocalico Creek.)

117 ACRE PRODUCTIVE LIMESTONE FARM, GREAT 2½ STORY STONE FARMHOUSE, LIMESTONE & FRAME BANK BARN

Open House: Sat., Jan. 11 & Sat., Jan. 18, 1992 from 1 p.m. to 3 p.m. Call auction firm at (717) 738-3080.

Transportation can be arranged.

EARLY 2½ STORY LIMESTONE FARMHOUSE (Stucco)

Dwelling contains: Great foyer w/open stairway to third floor dining room w/ outstanding corner cupboard, corner fireplace, panel doors, living room w/raised panel windows, parlor, kitchen w/winding stairway.

Second floor contains: lg. center hall w/ open staircase, 6 lg. bedrooms w/pine floors, bathroom, attic. Basement outside entrance.

LIMESTONE & FRAME SUMMER HOUSE

W/Walk-in fireplace, winding stairway to second floor.

This fine farmhouse & summer house also features: Architectural corner cupboard, corner fireplace, panel doors w/original hardware, broad window sills, pine flooring, grained woodwork, outstanding open staircase, lg. foyer & center hall, oil hot water heat, well & pressure system, 200 amp electric service.

This dwelling has not been altered to any great extent and is in fine condition!

LIMESTONE & FRAME BANK BARN (48'x85'), STEER BARN (26'x56'), PIG BARN (17'x40'), CORN & TOBACCO BARN (28'x42'), TOBACCO SHED (26'x44'), 3 CAR GARAGE (26'x44')

STRONG WELL supplying water for farm buildings. All farm buildings in good condition!

117 ACRES M/L MOSTLY TILLABLE

High state of production. Land adjoins Cocalico Creek & lies on both sides of Royer Rd.

One of Lancaster County's finest farms w/ historical significance.

This property will be offered for sale as follows.

Option #1) 10 Acres m/l including farmhouse & all farm buildings.

Option #2) 107 acres m/l farmland

Option #3) Complete farm - 117 acres m/l w/all farm buildings.

No Out Of State Checks Unless Accompanied By A Current Bank Letter Or Prior Arrangement With Auction Service.

Terms By:
ADA S. ROYER ESTATE
Mary N. Royer, Trustee
Fulton Bank, Executor & Trustee
Charles V. Snyder, Atty.

HORST AUCTS.
AU438L
T. Glenn
Timothy G.
Thomas A.
(717) 656-1331 - (717) 738-3080
Fax # (717) 738-2132
"VOICES OF EXPERIENCE"

FARM SALE

REAL ESTATE — FARM MACHINERY

DAIRY — OR — BEEF

FRIDAY, FEBRUARY 21, 1992 - 9:30 A.M. SHARP

LOCATED IN BEDFORD COUNTY ON ROUTE 26, 10 MILES NORTH OF EVERETT, PA.
1 MILE NORTH OF SMITH SCHOOL HOUSE TOWARD HOPEWELL, PA.

REAL ESTATE OFFERED AT 12:00 NOON WITH THESE PROVISIONS

*Also, UNDER AND SUBJECT to the right to use and occupy exclusively the dwelling house, with its lawn as currently mowed which includes the satellite dish and the security light, for life (and including sixty (60) days following death for the removal of furnishings and belongings from the house), on Parcel No. 4 reserved by Justina Hall, a/k/a/ Justina F. Hall, widow, in deed to Wayne R. Hall and Jane C. Hall, his wife, dated January 27, 1981, recorded in Record Book 70, Page 219. Said right to include provision of electric service from the main house on the property, the provision and maintenance of water lines and pumps and water softener from the main house, maintenance of the septic system, road maintenance, taxes and insurance, including insurance on the contents of the house, with costs thereto to be born by the grantee. TOGETHER WITH a right of way for ingress, egress and regress, in common with grantees, their heirs and assigns, to the dwelling along the currently existing farm lane leading from Route 26 to the premises.

TERMS: 10% Down and Balance Upon Transfer of Deed - 30 Days From Sale Date

177 Acre Farm Approximately 160 Tillable. Strip Cropped With New Soil & Water Conservation Plan

This Farm is in Top State of Cultivation. Soil Test 6.5 or Better. Yellow Creek Borders Property.

Dairy Barn has 41 Staunchions w/Adjoining Free Stall Barn. 75 X 116 With 89 Free Stalls & 2 Bull Pens, 2 Calving Pens 80' Bunk with Tapered Board Feeder. 20' X 72' Sollenberger Silo w/Jamesway Volumatic 3 Unloader containing 38' Haylage. 20' X 60' Fickes Silo With Jamesway Volumatic 3 Unloader containing 50' Corn. 1000 Gal. Surge Bulk Tank.

35 X 48 Ranch Style Home w/3 Bedrooms, 3 Baths, Oil Fired Baseboard Hot Water Heat & New Central Air. Plus Older Farm House w/4 Bedrooms, Baseboard Hot Water Heat (which will be occupied by Mrs. Hall until death) *See Provisions.

Heifer Barn, Calf Barn. A New Steel Building 132' X 50'. 50' X 40' Heated in Floor. Office & Rest Room, Balance is Storage.

FARM MACHINERY, MISC.

J.D. 4050 AIR & CAB 3584 HRS.
J.D. 4430 AIR & CAB 4531 HRS.
J.D. 2955 AIR & CAB 671 HRS.
I.H. 1066 AIR & CAB 3177 HRS.
I.H. 656 HYDRO GAS 2680 HRS.
J.D. 7200 NO TILL PLANTER
J.D. 310 DISK
J.D. 3960 HARVESTER SOLD W/2 HEADS
2 ROW CORN & PICKUP HEAD
J.D. #66 BLOWER
VERMEER ROUND BALER #5041
VERMEER STONE PICKER
283 WHITE HARROW
CULTIMULCHER
IH 11 TOOTH CHISEL PLOW
NEW HOLLAND 488 HAYBINE
NEW HOLLAND 479 HAYBINE
(2) DION FORAGE WAGONS ON 106 SA
J.D. CHASSIS
GEHL 970 FORAGE WAGON
NEW HOLLAND 256 RAKE
NEW HOLLAND 269 SQUARE BALER
(3) PIPE HAY WAGON WITH 8 TON EZ GEARS
1 PIPE HAY WAGON WITH 12 TON EZ GEARS
1 ROUND BALE WAGON WITH 12 TON EZ GEARS
I.H. 13 HOE DRILL
NEW IDEA #323 1 ROW CORN PICKER
(2) 230 BUSHEL GRAVITY BIN WITH 8 TON EZ GEARS
BRADY #722 STALK CHOPPER
I.H. #145 4 BOTTOM ROLL OVER PLOW
FERGUSON 3 BOTTOM - 3 PT. HITCH 14"
HARDIN NEW NEVER USED 300 GAL. SPRAYER
KVERNELAND BALE WRAPPER
IRRIGATION PIPE 1800' 3"
BOBCAT WITH 650 HRS. BUCKET FORKS BALE GRABBER
NEW IDEA LIME SPREADER
RHINO 3 PT. SCRAPER BLADE
HOMEMADE SELF UNLOADING SAW DUST WAGON FOR FREE STALL
(2) 40" x 40" BARN FANS WITH LOUVERS
KEWANEE HAY ELEVATOR 3 HP ELECT. 35" LONG HAY & CORN
NEW IDEA #3626 MANURE SPREADER
(12) FIBERGLASS CALF HUTCHES
(12) PICNIC TABLES
CUB CADET 682 WITH 48" CUT, SNOW PLOW & GRASS CATCHER
CUB CADET 782 WITH 48" CUT
SNAPPER MOWER
5TH WHEEL TRAILER 30'
5TH WHEEL TRAILER WITH BEAVER TAIL 26'
HAY FEEDER
WATERS
WINPOWER POWER PLANT
1 WAGON OF SMALL STUFF
1 PILE JUNK
1 GMC 1990 DUALLY

I.D. Required For Bidder's No.

Seller Reserves Right to Reject Any or All Bids on Real Estate Only.

Sale Managed By:
AUCTIONEER
ART KLING
PA LICENSE # 500
717-789-3883

Not Responsible for Accidents
Owner
Peggy D. Claycomb
Rt. A-4, Box 86
Everett, PA 15537
814-928-5059
814-652-5280

NOTE: Titles for Trailers Will be at Frank Dunkle's, Main St., in Everett, Pa., Phone: 814-652-6118

Food Available by St. John's United Church of Christ

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI FEB. 14, State Graded Feeder Pig Sales at Carlisle Livestock Market, Inc, Exit 12 East off I-81, Carlisle, PA.

SAT. FEB 15, Farm Equipment, Tools, Stephen L Martin, 295 S. Cocalico Rd, Denver, PA Paul E & Aaron E Martin Aucts

SAT FEB 15 - 9AM, Public Sale of Farm Machinery and Livestock located on Good's Road, 2 miles southwest of Hinkletown, 2 miles northeast of Farmersville, 1 mile off Farmersville Road Terms by Ammon Z Martin Paul Snyder, Auctioneer

SAT FEB. 15 - 9.30AM, Selling All Kinds of Horses & Mules. Located Belleville Lievestock Mkt, Belleville, PA. Mark Glick Auct

SAT. FEB. 15 - 10AM, Farm Equipment, located along Sunnyburn Rd., Mt. Joy Twp., Lanc. Co., PA, Robert E. & Loraine D. Ginder, owners, Horning Farm Agency, Inc., Aucts.

MON. FEB. 17, Major and Valuable Coin Auction for the Estate of Lester Eugene Reynolds, at the Coachlight Motel Banquet Room, Hornell, NY, Steuben Co, Pirrung Auctioneers, Aucts

TUES FEB 18 - 9 30AM, Horse Drawn Farm Machinery, Horses and Holstein Heifers, located 1 mi. SW of Gap, rom Rt. 41 at town clock cross railroad bridge to stop sign, turn left on Mine Rd., follow Mine Rd. to Buck Hill Rd, 2nd road on left, turn left go to 1st farm on right, Sadsbury Twp., Lanc Co, Elmer K Lantz, Sr, owner, Leon D Kurtz and J Omar Stoltzfus, Aucts

TUES. FEB 18 - 10AM, Full Line Of Modern Farm Equipment. Located 8 Miles South Of Quarryville, 6 Miles North Of Oxford, Little Britian Road Off Route 222 East On Noble Road, Left On Spring Hill Road To Sale, Lanc Co, Pa. Owners, Allen & Arlene Weaver Diffenbach's Auct

WED FEB 19 - 9 30AM, Farm Machinery, 6 Head of Mules, A Few HH Goods, located Lancaster Co, PA 2 mi. W of Whitehorse, David S & Naomi Stoltzfus, owners, Steve and Steve, Jr. Petersheim, Aucts

THURS FEB 20 - 9 30AM, Full Line of Farm Equip and Mules, located between New Holland and Leola, turn off S of Rt 23 on S. Groffdale Rd, 1 mi, Robert E. Martin and Jeffrey R. Martin, Aucts, Randal Ranck, Appr

FRI. FEB. 21 - 9 30AM, Horses, Heifers, Farm Machinery, Dairy Equipment Owners Ruebin Fisher. Located Centre Co., PA, 2 mi E Spring Mills, PA or 3 mi W of Millheim PA, Turn S. off RT 45 (at White Church) 1½ mi to Farm Lane. Mark Glick Auct.

FRI FEB 21 - 9:30AM Real Estate & Farm Machinery. Located in Bedford Co on Rt. 26, 10 mi N of Everett, PA, 1 mi. N of Smith School House toward Hopewell, PA. Peggy D. Claycomb, Owner. Art Kling, Auct.

FRI. FEB. 21 - 1:30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD.

SAT FEB. 22, Farm Equipment, Tools, Household Goods, Christian G. High, 675 Schaeffer Rd, Lebanon, PA. Paul E. & Aaron E Martin Aucts.

SAT FEB. 22 - 8:30AM, 14 Tractors, 100 Pcs.(Approx) Farm Equipment. Loc. along Rt. 743, 2 mi S of Hershey, PA. Sale by Milton Hershey School Farms. Aucts- Raymond Miller & Jim Hershey.

SAT FEB 22 - 9AM, 10 Tractors, Full Line of Vegetable and Irrigation Equipment, located on Piney Hollow Rd, 2 mi N of Downstown, NJ, The Estate of Jino Pioppi, Sr, Col. Fred Daniel Auctioneers, Inc, Aucts

SAT. FEB. 22 - 10AM, Complete Farm Dispersal of Vegetable and Irrigation Equip, located Cranbury, NJ, Jacob R. (Jack) Zinmeister, owner, Pirrung Auctioneers, Inc., Aucts.

MON. FEB 24, Farm Equipment, Tools, Household Goods, Melvin L Horst, RT 419 - 3 mi N Schaefferstown, PA Paul E & Aaron E Martin Aucts

MON FEB. 24 - 10:30AM, Potato Farm Equipment Auction for Jay Stauffer of Stauffer Farms, located Lancaster, PA, Pirrung Auctioneers, Aucts.

TUES FEB. 25 - North New Holland Ave, New Holland, Lancaster County, Farm Equipment, Household Goods Owner Levi Huyard Auct Steve & Steve Jr. Petersheim 215-593-2828

TUES FEB. 25 - 9AM, Late Model Tractors and Farm Machinery, Edwin Horning and Sons, Rentzel and Goodrich, Aucts

THURS FEB 27 and FRI FEB 28 - 8 30AM, Consignment Sale - Must have lising of what you want to sell by Jan 10, located 601 Musser School Rd., Leola, PA 17540, Elias S. Beiler, owner, Robert E. & Jeffrey R. Martin and Blaine Rentzel, Aucts

FRI FEB 28, Registered and Grade Holstein Dispersal Together w/Barn Equip and Produce, located Arkport, NY, Steuben Co, Fay and Barbara Bennett, owners, Pirrung Auctioneers, Inc, Aucts

FRI FEB 28, State Graded Feeder Pig Sales at Carlisle Livestock Market, Inc, Exit 12 East off I-81, Carlisle, PA

SAT FEB 29, Farm Equip & HH Goods, located 3 mi E of Lancaster, close to Eden, turn off Rt. 23 on Pine Dr, at 2040, John and Miriam Spiker, owners, Robert E Martin and Jeffrey R Martin, Aucts, Randal Ranck, Appr

SAT Feb 29 - Farm Equipment Located 158 Spook Lane, Brecknock Township off RT 625, 1 mi S of Bownmansville Ira Martin Owner Paul W Horst & LeRoy S Horst Aucts.

SAT FEB 29 - 8 30AM, 18th Annual Public Sale to be held at the Strasburg Fire Co 46 W Main St, Strasburg, PA, By the Strasburg Fire Co #1, Local Auctioneers

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PUBLIC SALE

82 ACRE FARM

Saturday, February 1, 1992

2:00 P.M.

Located along Church Rd., one mile North of Richfield, West Perry Twp., Snyder Co., PA.

Directions: From Harrisburg, take Rt. 11-15 North to Rt. 104 North, proceed to Rt. 35 South, turn left, go to Richfield, turn right at street before THE ZENDT HOME, proceed one mile to sale on right.

A certain tract of land consisting of app. 82 acres, app. 42 acres tillable (limestone), balance in pasture and mountain land. Several hundred feet of road frontage. Erected thereon a:

2½ STORY BRICK DWELLING

With frame summer house, laundry and one car garage attached. Kitchen with built-in cabinets. Family room, living room, sewing room, half bath. Three bedrooms, storage room, closet, full bath with linen closet, attic storage. Full cemented basement with outside entrance. Cold cellar. Storm windows and doors, porch, oil hot air heat, electric water heater, well with pressure system.

36'x63' TWO BAY FRAME BANK BARN: 10'x35' concrete silo; 15'x18' hog sty; 18'x36' two story frame chicken house; 17'x27' frame drive thru corn shed; 12'x18' frame-wire corn crib; plus other small buildings.

OPEN HOUSE: Saturdays, January 18 & 25 - 12:00-3:00 p.m.

TERMS: 10% down day of sale, balance April 1, 1992.

Not responsible for accidents.

Sale For:

Amos K. and Mabel H. Martin

717-354-8751

Auctioneers:
Nevin Z. Martin, AU1078L
Andrew M. Martin, AU2826L

REYNOLDS JD EQUIPMENT AUCTION

Monday, January 13,

10 AM

At Fishers, IN - I-69 & SR 37

(10) TRACTORS including JD 4450, JD 4640, JD 4840, JD 4440, JD 6030, JD 8430; **(10) PLANTERS** including NEW JD 7200 4 row W, JD 7200 12 row flex, JD 7200 8 row N, JD 7000 16 row N ff, JD 7000 12 row N ff, JD 7000 8 row W; **(9) DRILLS** including JD 1500 power till seeder, Great Plains 15', JD 8300 16x10 Tru-Vee w/tandem hitch, JD 8300 16x10 Tru-Vee; **(6) COMBINES** including JD 7720, JD 6620; **(11) HEADS; (12) PLOWS** including Krause 2893 13 shank stalk slicer, Glencoe Series III 9 shank soil saver, IH 6500 11 shank Conser-till;

CULTIVATORS; HOES; MISC. including Brillion 25' packer, ChemFarm saddle tanks.

REYNOLDS FARM EQUIPMENT, INC.
Call 1-800-382-9038
for Detailed Sale Bill

"HORST AUCTION CENTER"

PUBLIC SALE

OF ANTIQUES, HOUSEHOLD GOODS, JOHN DEERE RIDING TRACTOR

WED., JAN. 8, 1992

AT 3 P.M.

Sale to be held at the Horst Auction Center, located at the corner of Rt. 322 and Durlach Rd. (approx. 2 miles west of Ephrata), Ephrata, Lanc. Co., PA.

FURNITURE

Jelly Cupboard; Walnut Marble Top Sideboard; Mahogany Bedroom Suite; Victorian Parlor Suite; Oak Bookcase w/ Leaded Glass; OAK: Wall Cabinet, Office Chair, Rocker, Chairs, Clothes Tree, Dresser, Bed, 2 Crystal Chandeliers; Living Room Suite; Sofa; Loveseat.

APPLIANCES

Refrigerator; Air Conditioners; Bedroom Furniture; Swivel Rockers; Fernery; Piano & Organ Stool; Lazy Boys; Cedar Chest; Umbrella Stand; Wilton Rugs; Arch Back Chairs; Pictures.

CHINA & GLASSWARE

Carnival Glass; Depression Glass; Bisque Figurines; Crocks & Jugs; Ironstone; Cut, Pressed & Pattern Glass; Michter Bottles; Milk Bottles; Dated Jars; Flatirons; Tin Dippers & Ladles; Pretzel Cans.

LINENS: Quilt; Comforter; Shawls; Quilt Patches; Antique Sword; Moravian Star; Baskets.

TOOLS: JOHN DEERE MODEL 420 TRACTOR w/Gas; Leaf Bagger; Garden Trailer; GAS GOLF CART; J.D. Orchard Sprayer; Leaf Bagger w/Engine; Motorized Lawn Sweeper; Gas Edger; Drawing Knife; Lanterns; Cigar Cutters; FISHING RODS & REELS; Lures.

GUNS

Remington Model 788 .222; Savage Model 1899, .300; Winchester Model 70 .270 w/C.F. w/Scope; U.S. Springfield Mod. 1863; L.C. Smith Double Barrel Shotgun; Czeck Rifle.

No Out-Of-State Checks Unless Accompanied By A Current Bank Letter Or Prior Arrangement With Auction Service.

HORST AUCTS.
AU1381
T. Glenn
Timothy G.
Thomas A.
(717) 859-1331 - (717) 738-3080
Fax # (717) 738-2132
"VOICES OF EXPERIENCE

COMPLETE LIQUIDATION AUCTION

OF BEEBE RIVER WOOD PRODUCTS, INC.

Beebe River Road, Beebe River, New Hampshire

FRIDAY, JANUARY 17, 1992

11:00 A.M.

*****FULLY EQUIPPED SAWMILL*****
LIKE NEW KILN - MILL SUPPORT EQUIPMENT
- LOADERS - FORKLIFT -
WOODWORKING EQUIPMENT

LOG & MILL EQUIPMENT: Fulghum Log Debarker; Live Deck Frame; Linck Ring Log Debarker; Ingersoll Rand Type 30 Air Compressor; (2) 4-Strand Field Log Deck; (3) Corinth-American 30" Hydraulic Log Stop & Loader; Field 10 Saw Airlift Trimmer; Field Belt Re-Edge Conveyor; Field Green Chain; Field Waste Conveyor; Model 6 SBA 54 Schurman Edger; Sharp Industrial Lantern Model 63; Field Edger Tailer; Field Accumulation Chain; Field Runaround Belt Conveyor; Field Runaround Transfer to Resaw; Field Resaw Outfeed Rollcase; Field Edger Transfer; 6' McDonough Heavy Duty Double Column Linebar; McDonough Linebar Resaw Tailing Table; McDonough Cross Transfer to Edger; McDonough Transfer to Runaround; Modular Construction for Corinth-American 40" Remote Control Air Carriage & Husk; Tyrone-Berry Pre-Packaged Drive Model SMA-230; McDonough 6' Heavy Duty Double Column Bank Mill; Corinth-American 30" Hydraulic Log Turner; Field By-Pass Log Deck for Oversize Logs; Field Log Deck; Field Bark Conveyor; Field Hourglass Roll Case; Field Live Roll Conveyor; Field Slab Dump; Field Resaw Transfer; McDonough Linebar Resaw Infeed Table; Field Trim & Waste Conveyor; Hoods for Cut-Off Saws; Corinth-American Hydraulic Pump Unit; Precision Chipper; Kockums Chipper; HMC Debarker; Lane HD Carriage; Cleaver Brook Boiler; Merville Auto Shaving Bagger & Storage Bin; Considerable Inventory of Lumber Products.

*****150,000 BOARD FOOT KILN DRYER - LIKE NEW*****

WOODWORKING, SHOP EQUIPMENT & OFFICE EQUIPMENT: 10" Wood Planer & Molder; Woods 6" Planer Molder; Buss 30" Planer; OM Diehl Joiner; Raytherm Gluer; Armstrong Saw Sharpener Clamps; Armstrong Saw Sharpener; Band Saw Sharpener; Armstrong Circular Saw Sharpener; Airco Welders; Armstrong Stretcher Roll; OTC 50-Ton Press; Phelps Blower Fan; Knife Grinder; Band Saw Sharpener; 3-Phase 60 HP Blower; Model AC18 Blo Hog; Stickin Piler; 8 Saw Trim Saw; Henry Prentiss & Co. Machine Tool Boring Machine; Hendey Metal Lathe; Milwaukee Milling Machine; Knife Grinder; Woods 15" Planer; Saylor 5 HP BeAll Air Compressor; Brown n Sharpe Surface Grinding Machine; United Tool Comp. Tool Sharpener; Rockwell Radial Arm Saw; Do All Band Saw; Kalamazoo Metal Cutting Bank Saw; Cincinnati Grinder; Lavcor 75 HP Fan; Lavcor HD Cyclone; Structural Angle Iron Cyclone Support; HD Bank Saw Hood & Linebar Resaw Hood; Edger Hood; & Misc. Small Tools & Equipment; IBM Typewriter; (2) Computers; Gestetner 2201 Copier; Hitachi Fax Machine; Office Desks.

TRUCKS & LOADERS: Cat 930 Loader; Fiat Allis M645B Wheel Loader; Clark Melroe 610 Bobcat; 1984 T/A Volvo Tractor; 1970 DM611 Mack Truck w/Husky Brute Model 165 Log Loader; 1973 Ford F750 Truck w/Plow; 1987 Great Dane T/A Trlr.

AUCTIONEERS NOTE: Loggers, Saw Mill Operators, Landclearers alike can get 1992 off to a good start with the opportunity to purchase good quality log & mill equipment not often offered at Absolute Public Auction. Make sure you mark the 17th on your calendar because "sawing is believing". No minimums, no reserves - everything sells to the highest bidder. Sale Per Order of Secured Party. Excellent accommodations available at Days Inn, White Mountain, NH. Commercial airport (Manchester, NH) within one hour, Private airports (Plymouth & Ashland) within 10-20 minutes of auction site.

TERMS: Complete payment day of sale in cash or guaranteed funds. Company or personal checks MUST be accompanied by bank letter guaranteeing payment to PETROWSKY AUCTIONEERS, INC. Announcements day of sale will supersede all previously advertised terms and conditions.

DIRECTIONS: I-93 to Exit 28 - Follow Route 49 East to Intersection of Route 175 - Take Right onto Route 175 to Beebe River - Watch for Auction Signs.

SALE HELD RAIN SLEET OR SNOW
If Weather Is Of Concern Call 203-887-1100 Morning Of Sale For Information.
Good Food Available All Day
Sale Managed By:
PETROWSKY AUCTIONEERS, INC.
Norwich, Conn. - (203) 887-1100
Auctioneer, Reginald Lussier, N.H. License #2413

PUBLIC AUCTION

120 ACRE LEHIGH CO. FARM

Sat., Jan. 18, 1992

At 10 A.M.

2 Miles East of the Village of Kempton, 4 miles West of the Village of Lynnville, travel N. from I-78 & Fogelsville exit on Rt. 100 a total of 4.2 miles, turn west onto Lynnville Rd. toward Kempton a total of 8.4 miles, turn R onto Donats Peak Rd. one block to farm, Lynn Twp., Lehigh Co., Pa.

120 acres, of which approx. 90 acres are tillable, 20 acres woodland, balance meadowland, plus asstd. farm bldgs, plus a house that needs help, stream on property.

NOTE: Property is located in the beautiful historic Kistler Valley. This is the ideal property for the handy man. For information & map call (215) 395-8084. Terms- 10% day of auction in cash or check, personal check accepted if accompanied with a current bank letter of credit stating amount allowed to be spent day of auction, balance on or before March 20, 1992.

For-

CLAIR C. AND BETTY B. WAGNER

Conducted By
Ralph W. Zettlemoyer
Auction Co., Inc.
(215) 395-8084
Pa. License #AU-001809-L

AUCTION SALE

ORIENTAL RUGS, FAUCETS, LOCKSETS, DOORS, WINDOWS, NAILS, TILE, CONSTRUCTION & OFF. TRAILERS, TOOLS, VANITY TOPS, HEATERS, GENERATORS

TUESDAY, JANUARY 7 - 10 A.M.

ON PREMISES

1825 E. BOSTON AVENUE - PHILADELPHIA, PA.

SALE FOR ACCOUNT OF UNDERWRITERS & OTHERS COMPRISING IN PART:

DOORS, LOCKSETS, WINDOWS, PLYWOOD

Asst. Doors - Pre-hung, 15 Lite, Solid & Hollow Flush, Colonial, Entrance, Int. & Ext., Mirror Sliding, Bifold, Closet, Etc. Bubble Pack Yale Passage, Bath & Bedroom, Dummy, Hall & Closet, Keyed Entrance, Combination Lockset & Deadbolt, Etc., Asst. Storm, Casement & Replacement Windows, Sgl. & Ins. Glass, Ins. Skylights, Vinyl & Alum. Siding, Channel & Corners, Asst. Nail 1 5/8 & 3" Pallet Nails, Blued Drywall, Com. & Galv. Etc., Shutters, Roll Roofing, Shingles, Wood Molding, 5 MM x 4 x 8 Plywood, 2x4's & Asst. Dim, Lumber Small Quan. of Marble & Ceramic Floor Tile, Asst. Color Carpet Tile, Insulation, Soffit & Metal Molding.

150 ORIENTAL RUGS HOOK, BRAIDED, RAG, WOOL SIZES 2x3 TO 9x12, CHEN-CHU SHERPA, TRES-CHIC, BERBER & DUHRIES, ETC.

FAUCETS, CARTONS, DINETTES, VANITY TOPS

50 Asst. Size, Marbella Vanity Tops, Lavatories, Toilets & Tanks, Bath Tubs, Shower Module, Tub Faucets, Shower Bases, Wood Kitchen Cabinets, Shells & Asst. Wood Cabinet Doors, Hanging Gas Fireplaces, Wicker Etagere's, Wood & Glass Top Cocktail & End Tables, Brass & Glass Make-Up Vanity, Dinette Sets, 3 Pc Breakfast Sets, Floor & Table Lamps, Throw Rug Samples, 350 KD Cardboard Cartons, 5 Whirlpool Tubs, 4 Tub Modules, Medicine Cabinets.

2- 44' CONSTRUCTION TRAILERS, 2 ELECTRIC GOLF CARTS W/CHARGES, 1- 30' OFFICE TRAILER

HEATERS, GENERATORS, TOOLS, FANS

Paints & Stains, Shop Vacuum, Salamander & Propane Heaters, Heavy Duty Pumps, Wacker Gas Driven Pumps, 2 Yamaha & Industrial Generators, 1 Wacker G4000 Generator, Table Saw, Circular Saw Blades, Gas Edge Trimmer, Gas Lawn Mower, Pallet Racking, File Cabinets, Vinyl & Plexiglass Desk Mats, Hand Tools, Light Bulbs, Ammonia, Pedestal Fans, Soil Pipe, PVC - Copper & Steel Plumbing Fittings, Sanding Bolts, & Discs, Rolling Ladders, Heavy Duty Miter Cutter, Sign Boards, Scaffold.

INSPECTION: MONDAY, JANUARY 6 - 9 A.M. - 4 P.M.
TERMS: CASH OR CERTIFIED FUNDS - 25% DEPOSIT REQUIRED.

PA. AUCTIONEERS LICENSE NO. AU000175L

ESTABLISHED IN 1834
COMLY Auctioneers
WM. F. COMLY & SON, INC.

1825 East Boston Avenue
Philadelphia, PA 19125
(215) 634-2500

LARGE THREE DAY SALE

OF REAL ESTATE, FARM EQUIPT., ETC.

at our place of business located six miles South of Chambersburg, Pa., one mile East of Marion, just East off Rte. 81, Exit 4, along Rte. 914, on

WED., JAN. 22, 1992 at 9:00 AM
THURS., JAN. 23, 1992 at 9:00 AM
FRI., JAN. 24, 1992 at 9:00 AM

— SELLING ON WEDNESDAY —

Usual run of tools, chain saws, misc. items.

— SELLING ON THURSDAY —

Lawn and garden tractors; tractors of various make and model, some with loaders; trucks; trailers; balance of small items.

AT 1:00 P.M. will offer for Sale Horst Machinery Lot inc. approx. 22 acres of land, all buildings inc. six room house, large barn, large concrete block building, large aluminum siding storage building, other buildings. Excellent location for sales just ¼ mile off Rte. 81. Owners retiring after 47 years in business. Inquiries and inspection invited. Terms on request.

— SELLING ON FRIDAY —

Farm equipment inc. hay and tillage equipt.; planters; drills; spreaders; forage equipt.; wagons; usual run of new equipt.; tires, etc.

FARMERS & DEALERS — We expect this to be our last sale that equipt. will be accepted on consignment. If you have equipt. here that you bought, please remove before Jan. 24. Not responsible for condition of equipt. sold or for prices obtained. No equipt. with liens accepted unless notified.

Open for business after Jan. 1, 1992, 8:00 A.M. to 5:00 P.M. Closed Saturdays except Saturday before and Saturday after sale until 3:00 P.M. Get new bidders numbers if you had a number over 400.

Terms: Cash or Good Check; Identification required.

RALPH W. & HELEN W. HORST,
Owners & Managers
Marion, PA 17235
Phone: (717) 375-2824
License No. AU-000-437L
Rentzel, Wolgemuth, Gossert, Bohrer, Harry, Upperman, Auctioneers

PUBLIC AUCTION

WED., JAN. 15, 1992
9:00

Located in Clinton Co., Pa.
From I-80 Exit 26 take 220 North
1st road right go thru Rote —
1st farm on right

Oliver 70 tractor with 50HP Ford engine; N.H. 310 baler with 2 cyl. engine; N.H. 256 rake; N.I. rake & tedder; Nickolson tedder; N.I. 323 corn picker; J.D. 1240 plateless corn planter w/insecticide; McDeering corn binder w/loader; 35' Fisher sprayer with Hydro pump; 2 Pequea manure spreaders "one for parts"; E.L.S. liquid manure spreader; Homemade liquid manure spreader; N.I. 206 spreader "for parts"; 10' disk; 12' J.D. Harrow; J.D. 65 blower; 16' elevator; N.I. transplanter; 10' rotary hoe; fertilizer sidedresser; Gandy applicator; McDeering 2 horse cultivator; Mighty Mac sprayer; platform scales; round bale feeder; rubber tires with rims; 500 gal. air tank; fuel tank on cart; 275 gal. fuel tank; water tank; bee hives & supplies; 1400 tomato baskets; greenhouse trays; locust posts; chimney blocks; 6 pc. 16' galv. roofing; Wagon Load of Small Items.

14x36 red barn, insulated
8 stall calf condo
High wheel wooden wagon,
Bobsled, storm front carriage,
buggy wheels

Produce

500 bales 4th cutting alfalfa
2 silos with corn silage,
12x60 & 10x60

Household

Pioneer Maid stove; gas oven; Servel refrigerator (needs repair); 2 tables; 2 school desks; couch; misc. bed frames and chairs; misc. items.

Lunch Available
Terms: Cash or Good Check

Auctioneer: John Esh AU-2055L
3326 Jacksonville Road
Bellefonte, PA 16823

Owner: Mark & Priscilla Stoltzfus
Box 130B R.D. 7
Mill Hall, PA 17751

Clerks:
Rose Sciabica 814-355-7712
Patti Dunzik 814-345-5981

Owner & Auctioneer not responsible for accidents

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT FEB 29 - 9AM, Gas Engines, Oliver Tractors, Farm Equipment Located 1227 Mohnton Rd., Manheim PA, Lancaster County Wayne & Esther Ruhl John D Stauffer Auct

SAT FEB 29 - 9 30AM 6 Work Horses, 34 Dairy Cattle, Farm Machinery Owners Peter Vand Susan Smith Located Huntingdon Co , PA, 3½ mi N. of Water St, PA , On RT 453, Turn W on Sinking Valley Road, 3½ mi to Farm Mark Glick Auct

SAT. FEB. 29 - 9:30AM, Lloyd Wenger Collection of 100 JD 2 Cyl. Tractors, Parts, Toys, Misc., Blaine Rentzel, Dennis Polk, Aucts.

MAR.

MON MAR. 2, Farm Equipment, Tools, Ray Weaver, RD1, #1 Newmanstown, PA (Along RT 419) Paul E. & Aaron E. Martin Aucts.

WED. MAR. 4 - 6:30PM, Winross Truck & Toys. A&C Diffenbach Auction Inc., 100 West Jackson Street, Box 186, New Holland, Pennsylvania 17557. Alan Diffenbach Auct.

THURS. MAR. 5, Full Line of Farm Equip. & Feed, located ½ mi. N. of Rt. 23, in Leola, on 37 Quarry Rd., Leola, PA, John and Rick Groff, owners, Robert E. Martin and Jeffrey R. Martin, Aucts., Randal Ranck, Appr.

THURS MAR. 5 - 9AM, 16 Tractors and Big Line of Late Model JD Farm Equipment, New Freedom Rd., Medford, NJ, for Medford Stock Farms, owners, Col. Fred R Daniel Auctioneers, Inc , Aucts.

FRI MAR 6, Farm Equipment, Shop Tools, Antiques, located along Furnace Hollow Rd., ½ mi S of Walnut Bottom, Cumberland Co., PA, Christ Z Nolt and Tony Showers, owners, Andrew Martin and Nevin Martin, Auctioneers.

FRI MAR. 6 - 9AM, Spring Machinery Auction Located Belleville Livestock Market, Belleville, PA Mark Glick Auct

FRI MAR 6 - 1 30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD

SAT MAR 7 - 8 30AM, Consignment Farm Equipment by Messick Farm Equipment. Loc. along Rt. 183, take Rheems exit, Elizabethtown, PA. Aucts- Raymond Miller & Jim Hershey

SAT MAR 7 - 8:30AM, 28th Annual Bart Twp. Fire Co. All Day Sale, located at Rt 896 Georgetown, PA, in the village of Georgetown, local auctioneers.

SAT. MAR. 7- 9AM, Tractors, Combine, Trucks, Backhoe, Farm Equip., Antiques, Collectables, Misc & House Items, Mundis Race Rd., York Co., PA, Thomas Brothers, owners, Melvin Haines, Ralph Brenneman, Aucts.

MON. MAR. 9 - 9AM, Farm Equipment, Consignments Welcome, located Lebanon Area Fairground, Leb. Co., PA, Lebanon Valley Auction Co., Inc , Aucts.

THUR. MAR. 12, Farm Equipment, Tools, Butchering Equipment, Samuel W Demey, RD 5, #5 Harrisburg, PA Paul E & Aaron E Martin Auct

THUR MAR 12 - 11AM 12th Annual PA World Relief Heifer Sale Mel Kolb Sale Sale Barn, Lancaster PA

FRI MAR 13, State Graded Feeder Pig Sales at Carlisle Livestock Market, Inc , Exit 12 East off I-81, Carlisle, PA

FRI MAR 13 - 9AM, 8 Mules, 60 Head Holstein, Full Line Machinery, Some Household Owners Enos King Located Centre Co, ½ mi S Rebersburg, PA at Smullton Mark Glick Auct

FRI MAR 13 - 9AM, Farm Equipment & Supplies A&C Diffenbach Auction Inc , 100 West Jackson St , Box 186, New Holland, Pennsylvania 17557 Alan Diffenbach Auct

THUR MAR 19 - 9 30AM, Machinery, Dairy Equipment, Some H H Owners Ernest F. Adams Located Snyder Co , PA, Midway Between Beaver Springs & Beavertown, PA Mark Glick Auct

ADVANCE NOTICE

PUBLIC AUCTION

SAT., JAN. 18 @ 10:00 A.M.

New Year Auction Of Farm & Industrial Power Equipment, Parts, Supplies, Etc.

Held At Rt. 38 & 38B, Newark Valley, N.Y. (19 Miles West Of Binghamton).

Tractors, Farm Implements, Skid Steers, Backhoes, Etc.

Your Consignments Welcome!
Sale By:
Goodrich Auction Service, Inc.
Rt. 38 & 38B
Newark Valley, N.Y. 607-642-3293
"The Sound That Sells!"

PUBLIC SALE

Saturday, January 25, 1992

9:30 A.M.

Farm Machinery - Milking Equipment - Guernsey Cow - Hay - Ear Corn - Draft Horses - A.C. Tractor

Sale Held At Farm In Lancaster County, Pa., 5081 Old Phila. Pike, 3 Mile East Of Intercourse.

3 Belgium Horses - Hitches

Three Single Horses Well Broke, Work Either Side Or Lead, 3 Set Of Harnesses, Single- Double- Triple Trees, 6-4 Horse Hitches.

Milk Equipment

Slang Diesel - Agway Vacuum Pump, 2-55 Lb. DeLaval Milker Units, Like New With Large Claws 2-SS Strainers, Extra Pail, 400 Gal. Dari-Cool Milk Tank.

Cow - Heifers - Barn Equipment

Guernsey Milk Cow- Fresh Dec. 10, 1991- Fifteen Month Old Heifer- Heifer Calf. Feed - Grain Carts, Cow Chains, Stewart Clipper, Fork - Brooms.

Feed

App. 25 Ton Ear Corn, 10 Ton 3rd Cutting Alfalfa, Top Quality, No Rain, App. 9 Ton, 2nd 4th Cutting, No Rain.

Farm Machinery

New Holland Mower On Chassis, 45 Hp. A.C. Engine With Complete Hyd. Set Up, 2 Way Plow Steel Bottoms, 2 Bottom Trailer Plow, John Deere Disc Harrow, Spring Tooth Harrow, 2 Single Roller Cultipackers, 2 Two Horse Cultivators, 16 Inch Papec Ensilage Cutter With Shredder Bars, Extra Knives, 200 Gal. Boom Field Sprayer With 2 HP Engine, New Idea Transplanter, Grain Drill With Disc Openers, Bale Elevator, Hyd. Unit With 8 HP Engine, New Idea No. 10 Corn Picker, 2 Gravity Wagons, 2 Flat Bed Wagons, Weeder McDeering Corn Planter, New Idea 206 Manure Spreader, Like New, 5 HP Portable Air Compressor. 4 Forecarts, 1 With Steering And Brakes, 2 Minnick Tobacco Presses, Portable Lincoln Welder, 165 Gal. Fuel Tank w/Pump, Allis Chalmers 50 HP Tractor Wide Front On Steel With Pulley, Wagon Load Small Items.

Owners,
DAVID S. & MARTHA KING

Auct. Steve
Steve Jr. Petersheim
215-593-2828
AU001349

Food On Premises

Petersheim Auctioneers

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI. MAR 14 - 1:30PM, Pigs State Graded Sale, at Westminster Livestock, Westminster, MD

SAT. MAR. 21, Guns, Farm Equip Owners A O Thumma, N Mountain Rd, Newville, PA Cumberland County Art Rife Auct

SAT. MAR. 21 - 8:30AM, 4th Annual Bart Twp. Fire Co. Building Material Sale, located at Rt. 896, Gerogetown, PA in the village of Georgetown, local auctioneers.

TUES. MAR. 24 - 9AM, Quilt, Craft & Buggy. A&C Diffenbach Auction Inc., 100 West Jackson St., Box 186, New Holland, Pennsylvania 17557. Alan Diffenbach, Auct.

TUES. MAR. 24 - 12 Noon, 85 Head Reg. Ayrshire Dairy Head, James W Martin, 215 N. Line Rd, Stevens, PA, Paul E & Aaron E Martin Auct

WED. MAR 25 - 9AM, Quilt, Craft A&C Diffenbach Auction Inc, 100 West Jackson St, Box 186, New Holland, Pennsylvania 17557. Alan Diffenbach, Auct.

FRI. MAR. 27, State Graded Feeder Pig Sales at Carlisle Livestock Market, Inc, Exit 12 East off I-81, Carlisle, PA

APR.

WED APR 1 - 6:30PM, Winross Truck & Toys A&C Diffenbach Auction Inc., 100 West Jackson St., Box 186, New Holland, Pennsylvania 17557. Alan Diffenbach, Auct.

FRI. APR. 3, State Graded Feeder Pig Sales at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisles, PA.

FRI. APR. 3 - 1:30PM, Pigs State Graded Sale, at Westminster Livestock Auctions, Westminster, MD

SAT APR. 4 - 9AM, Antiques, Collectibles, Farm Tractors, Butcher Equip., located South of Myerstown, PA, Leb. Co., Mary Yingst, owner, Dwight D. Miller, Auct.

TUES. APR. 7 - 6:30PM, Wholesale Furniture. A&C Diffenbach Auction Inc., 100 West Jackson Street, Box 186, New Holland, Pennsylvania 17557 Alan Diffenbach, Auct

WED. APR. 8 - 3PM, Easter Lamb & Goat Sale. Located Belleville Livestock Market, Belleville, PA. Mark Glick Auct.

FRI. APR. 10, Easter Lamb & Goat Sale, Receiving 7AM-11AM, Sale 12:30PM, Rabbits, Poultry and Fowl-9AM, Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

FRI. APR. 10 - 9PM, Farm Equipment & Supplies. A&C Diffenbach Auction Inc., 100 West Jackson St., Box 186, New Holland, Pennsylvania 17557. Alan Diffenbach, Auct.

SAT. APR. 11 - 9AM, Annual Farm & Contractors Equip. Auction, located 2 mi. E. of Bethel, PA, Berks Co., Dwight D. Miller, Auct.

FRI. APR. 17 - 1:30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD

FRI. APR. 24, State Graded Feeder Pig Sales at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

FRI. APR. 24 - 6PM, Special Heifer Auction. Located Belleville Livestock Market, Belleville, PA. Mark Glick Auct.

MAY.

FRI. MAY 1 - 1:30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD.

Public Auction

Every Fri.

5 P.M.
Furniture

Located: Green Dragon Market & Auction.

Antiques & Household Goods & Tools & Produce.

Consignment Welcome. Pickup Service Available. Call (717) 733-8192.

Wolgemuth Auction Service

Dennis #2357 — **Res. (717) 664-3893**

Bob — **Res. (717) 665-6684**

PUBLIC AUCTION

AT RUDNICK'S SALES,
ROUTE 213, GALENA, MD.

SATURDAY, JANUARY 11th, 1991

AT 9:00 A.M.

Furniture And Antiques From Local Estates: A Hummel Collection (50 Pieces), Roseville Lamp, Weller, Oil Lamps, Sterling, Royal Bayreuth, Cut Glass, Nippon, Royal Rudolstadt, Art Devo Wax Doll, Art Glass, Depression Glass, Prism Lamps, Oriental Items, Limoge, A Selection Of Oriental Rugs Runners And Room Size. A Fine Selection Of Jewelry. More Consignments Are Arriving Daily.

Special Large Estate Sale To Be Held Jan. 18th, 1992.

Our Next Regular Scheduled Antique And Furniture Sale Will Be Held January 25th, 1992.

HARRY RUDNICK & SONS, INC.
Sales Manager, Auctioneers,
Real Estate Broker
Galena, MD 21635 Phone: 301-648-5601

64 +/- ACRE DAIRY FARM

Bedford Co., Woodbury Twp., Pa.
On The Hickory Bottom Road

SAT., JAN. 11, 1992

12 Noon

26 Tie Stall barn, new pipeline, 600 gal. bulk tank, 3 years old, new hot water heater and salavager in milk house. 14x50 Fickes silo w/unloader, 12x32 Merritta silo and bunk feeder.

7 room farm house w/1½ baths, 4 bedrooms, kitchen, dining room and living room w/full basement, oil heat, 2 car garage, drilled well.

Seller

JOHN H. REPLOGLE

814-793-2077

Auctioneer "Cal." Brian W. Figard
AU-1855-L

Seller has the right to accept or reject any or all bids.

Terms 10% day of sale, balance due in 30 days.

Not responsible for accidents.

PUBLIC SALE

Farm Machinery - Household Goods - Corn Silage - Six Tractors - 2 Field Queen Corn Heads Haylage - Few Antiques - Collector Tractors - Weaverline Feeder

Saturday, January 11, 1992

9:30 AM

Auction held on the farm in Lancaster County, PA - 2 miles West of Honey Brook on Mast Rd. From Rt. 322 go South on Churchtown Rd. at Service Station to Mast Rd. right, watch for sign on the right.

Five John Deere Tractors & Farmall H- Bobcat

John Deere 4020 wide front, power shift, year round cab, dual hyd. outlets; John Deere 830 Diesel, wide front, power steering, hyd. P.T.O.; John Deere 520 wide front, power steering; John Deere H with full set of cultivators, **John Deere B, unstyled in excellent condition;** Farmall H, good paint; circular saw, fits H. Auctioneer's note: These tractors are all in very nice condition; Bobcat skid steer loader.

Farm Machinery

John Deere 450 - Five bottom 16" plow; John Deere K.B.A. transport disc harrow; Tobben 5 tooth subsoiler; 2 section spring tooth harrow; John Deere 4 section rotary hoe; John Deere 11 ft. cultimulcher; 11 ft. single cultipacker; John Deere 2 bottom 14" trailer plow; John Deere 7680 four bottom 16" trailer plow; John Deere single bottom plow, pull type; New Holland 489 haybine 9'; Nickelson tedder; New Idea roller bar rake; New Holland 268 hayliner baler; 3 flatbed wagons, 1 wide tread; smoker 24 ft. elevator; 30 ft. mow conveyor w/motor; John Deere 716 forage wagon, 3 beaters, H-flow tires; John Deere 65 forage blower also new drum for 65, sells separate; Oliver 137 superior grain disc openers, very nice; **New Holland 679** manure spreader, tandem wheels, hyd. endgate; **John Deere 790,** right hand delivery tank manure spreader; Massey Ferguson 5 ft. rotary mower; Field Queen 3 narrow row corn head, 2 wide row head; single chain elevator, portable; spike harrow; 5 ft. bar mower Mc; dump rake; 4 bar side delivery rake; Oliver grain drill for parts; 8 ft. Pick up camper; 1979 Rabbit Volkswagen, needs body work.

Milk Equipment - Barn Equipment - Bed Chopper

Weaverline forage feeder S.S. sides; Wic bed chopper; 3 hay racks; 3 electric fencers; 4 circulating fans; metal gates; S.P. vacuum pump; Winco 20 K.W. back up portable generator; Hog feeder; chicken waterers; milk house supplies; silage - grain carts; DeLaval milker pails; gutter grates; calf hutches; gal. water trough; 2 fuel tanks, 500 gal. w/electric pump; 250 gal. w/hand pump; shovels; brooms; etc. 14x50 Harvestore silo, blue top with Ladig Junior grain unloader; 40 ft. haylage in 20x50 Harvestore; 45 ft. corn silage in 12x50 silo; 37 cow S.S. milk line with receiver jar; 37 cow Badger barn cleaner with complete unit; 360 gallon S.S. milk tank.

Tools - Household Goods - Antiques

Dishes; glassware; clothes tree; old 1800's night stand; picture frames; matching chairs; gooseneck chair; few pieces of furniture; lot of boxes to be sorted through; 2 Maytag wringer washers, **1 antique with Maytag foot medal engine;** treadle sewing machine; 2 Syracuse walking plows; 2 horse carriage pole; shop full of old tools; misc. items not listed; window sash with blowed panes.

Owner:
ROBERT W. CAMPBELL

Auctioneer:
Steve
Steve Jr. Petersheim:
215-593-AUCT
Lic. #AU-001349-L

Food on Premises

BANKRUPTCY AUCTION

UNITED STATES DISTRICT COURT FOR THE MIDDLE DISTRICT OF PENNA.

ON: THURS., JAN. 16, 1992

AT: 75 ACCO DR. YORK, PA. (FROM RT. 83 Take Exit 6E- go south on Queen St. to Acco Dr. look for arrows.

T.D.B.A. American Rebar-Matic & Machinery Co. BK# 1-91-02393. Also Trading As Bessemer Products.

ABSOLUTE AUCTION, ABSOLUTE AUCTION, ABSOLUTE AUCTION

REBAR AND METAL FABRICATION EQUIPMENT

ARM Shearline - Kalamazoo metal cutting band saw, Lg. metal cut off saw, Ex-Cell-o Ram Turret milling machine, Graziano metal lathe, Bessemer Press, Dvorak Hydraulic Iron Worker, Greenerd Arbor Press, AB Aroboga drill press, TCM propane & Yale gas towmotors, Rockwell drill press, WE Shipley metal lathe, Aeroquip Hose Crimping machine, Quincy air compressor as-is, Airco Cv300 II welder, 2-Lincoln Idealarc 250 welders, 2-Airco CV450 welders, MF Wells Horizontal band saw, Asst. sm air tools, D2 & other stock metals, coiled rebar, coil racks, floor jack, lots of asst. C clamps, asst. wire, metal shelving & cabinets, metal work tables, connectors, fittings, adapters, etc.., ext. ladders, metal saw bucks, paint, grinder, asst bits, conveyor track, time clock, platform scales, bag trucks, roll away tool box, lg. asst. small hand tools, Wagner paint crew plus, 1980 Chev. Silverado pickup truck, also manufacturing drawings for Bessemer & Amer. Rebar-Matic.

OFFICE EQUIPMENT

Diazit blue print copier, Sharp SF7750 Copier, Xerox 627 Memorywriter typewriter, 2-IBM Personal Wheel Writer typewriters, 7 desks, 21 filing cabinets, blue print file cabinets, phone system, Office chairs, bookshelves, clothes tree, 3 drafting tables, asst. sm. office supplies, metal cabinets, plus many other articles too numerous to mention. Not Responsible for accidents on day of auction. Not Responsible for items advertised and missing. Refreshments Available. Lodging & Restaurants Nearby.

Inspection: Wed. Jan. 15 from 9 a.m. till 1 p.m. & 1 hour prior to auction.

Removal: Fri. & Sat. Jan. 17 & 18 from 8 a.m. till 4 p.m. Mon. Jan. 20 from 8 a.m. till 4 p.m.

TRUSTEE:

Lawrence V. Young
717-848-4900

Gilbert & Gilbert Auctioneers
Brian L. Gilbert Lic. #2256
Jacob A. Gilbert Lic. #336
Ph. 717-252-1656

ALL AMERICAN AUCTION SERVICE

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REAL ESTATE LIQUIDATORS • VEHICLES • ANTIQUES
NO CHARGE FOR CONSULTATIONS & APPRAISALS

PUBLIC AUCTION

205 Acres M/L Farm
Approx. 100 Tillable

Sat., January 11, 1992

12:00 Noon Sharp

Farm Locatecd: Beech Creek Pa. Clinton County. Beech Creek Township. Approx. 3 miles south of Rt. 150 at Beech Creek, Pa. Just 9 miles south of Lock Haven or 28 miles north of State College, Pa. Turn at Centre & Clinton County bridge (Rt. 150). Take next Rd. right travel approx. 2 miles (LOOK FOR AUCTION SIGNS).

Real Estate Consist of: (MAIN HOUSE) kitchen, washroom, double living room, 4 bedrooms, bath and attic, heated w/hot water, well water, fireplace, 4 car garage, 16x24 above ground pool and satellite dish.

Also on premises: (TWO RENTAL PROPERTIES) 12x65 mobile home, also a wood frame house w/double living room, kitchen, 3 large bedrooms. Heated by coal furnace, spring water.

Other buildings on farm include modern 44x80 pole barn suitable for beef cattle or horses, a 36x36 double corn crib, large open front implement shed, pig barn and other small buildings.

There is a stream on farm as well as several springs for animals.

Productive Farm, Excellent Hunting, Week End Retreat or Investment.

Located near Bald Eagle State Park also Near Amish Community also in the Keystone Central School Dist.

TERMS: 5% DOWN DAY OF SALE BALANCE DUE WITHIN 45 DAYS FROM DAY OF SALE.

To view Real Estate call Gerald & Elizabeth DuFour at (717) 962-2361 between 4 and 6 pm. after or before call All-American Auction Service (717) 426-3769.

Selling for:

GERALD & ELIZABETH DU FOUR

Darvin J. Rodgers, Jr. Auct. RY 11L
J. Kevin Noll, Appr. Rltr.
Philip V. Nissley, Auct.
2426 Donegal Springs Road
Marietta, Pa. 17547
(717) 426-3769

Broker Participation Welcome (Call for details)

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

PUBLIC AUCTION

OF VALUABLE AFRICAN & NORTH AMERICAN TROPHY COLLECTION

ON SAT., JAN. 11, 1992

AT 9:30 A.M.

At Springetts Fire Co. Social Hall, 3013 East Market St., York, Pa. Selling at absolute auction for several Big Game Hunters & Collectors from Eastern Pa.

TROPHY COLLECTION

Full body mounted 6x6 Bull Elk with giant 50" spread - removable antlers, Massive 15" bases full curl Bighorn Sheep - head mount, Dahl Sheep Head mount over full curl, Heavy 12 year old Full Curl Stonesheep - head mount, Massive rare Desert Sheep with 15" Bases, 2 Additional Stone Sheep Head Mounts, Record Class 64" Spread Alaskan Moose - Head mount, Canadian Moose Head mount, Record Book Blacktail Deer Head mount with official score sheet, Monster Record Book Mountain Caribou Head mount with 64" Beans & 52" spread, Large 6x7 Bull Elk - head mount, Giant 7x7 Bull Elk - head mount with removable antlers, Full Body Mounted 29 Lb. Bobcat, Several Black Bear rugs with head & claws, Beautiful Grizzley Bear rug with head & claws, Very large Mule Deer head mount, Giant Mule Deer head mount with 30" spread, 2 other Large Mule Deer head mounts, Rare Whitetail Deer with summer coat & velvet antlers - head mount, 3 other Whitetail Deer head mounts with large antlers, Very large Antelope head mount, 9" Rocky Mountain Goat head mount, Black Bear head mount, Large Buck Fallow Deer head mount, Doe Fallow deer head mount, Fox Squirrel, Black Squirrel, Golden Pheasant, Cougar Full body mount, Shoulder mount of African Cape Buffalo, Water Buck & Gerenuk, Life size Bear on all 4's on rock, Caribou shoulder mount, Dahl sheep shoulder mount, Pa. wild turkey, Sage Grouse, Whole mount of porcupine, Grey squirrel, ring neck pheasant, also from Rhodesia & Kenya - shoulder mounts of Zebra, 2 Impala, Bushbuck, Wildebeest, Duiker, Klipspringer.

ANTLERS - HORNS - SKULLS - HIDES & MISC.

3 Sets of Caribou antlers, good selection of deer antlers, moose antlers, 5 sets of Elk antlers, Large African Kudu horns, many antlers & horns on skulls including Moose, Whitetail Deer, Corsican Ram, Cataline Goat, Pygmy Goat, African Impala & Gazelle, Fallow Deer, Wart Hog, Wilk Boar & others, also hides, skins & animal related items.

GUNS

Winchester Model 12 - 16 Ga. pump, T. Parker 12 ga. double barrel shotgun, Hamilton Rifle Co. No. 27 .22 cal., Remington 552 BDL Speedmaster .22 Semi auto, Savage .22 pump w/oct. barrel, Winchester Model 62 .22 pump, Stevens 32 long, Springfield Model 120 .22 cal., Winchester Model 121, .22 cal., Raven Model MP25 .25 auto pistol, Smith & Wesson Model 686 6" stainless .357 magnum, Taurus PT99 9 mm, The American 32 Revolver, also misc. African hunting books, magazines, Nikon F Model camera & telephoto lens, Argus C-3 Match-matic camera, and other wild animal related items. Majority of above listed items are in good to very good condition.

PREVIEW SHOWING: Friday evening, Jan. 10, 6:30 P.M. to 8:30 P.M. and 1 Hour prior to auction.

Not responsible for accidents on day of auction.

TERMS: Cash or Approved Check. No out of town or out of state checks unless accompanied by a current letter of guaranteed payment from your bank - PLEASE COME PREPARED.

AUCTION CONDUCTED BY
GILBERT & GILBERT, AUCTIONEERS
R.D.#1, WRIGHTSVILLE, PA. 17368
JACOB A. GILBERT, LIC. #336-
Tel. 717-252-3591
BRIAN L. GILBERT, Lic. #2256-
Tel. 717-252-1656

SAT. MAY 2 - 9AM, Real Estate-130 Acre Farm w/Lg. Limestone House & Lg. Barn, Antiques, Collectibles, located 4 Mi. S. of Myerstown, PA, Leb. Co., Mary Yingst, owner, Dwight D. Miller, Auct.

SAT. MAY 9 - 9AM, Equipment, Collectibles, HH, located Lebanon Co., Harold Demmy, owner, Dwight D. Miller, Auct.

FRI MAY 8, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

FRI. MAY 15 - 1:30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD.

SAT. MAY 16 - 9AM, Farm Equipment, Collectibles, HH, located Lebanon Co., Harold Demmy (2nd Sale), owner, Dwight D. Miller, Auct.

FRI MAY 22, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA

Public Sale

SATURDAY, JANUARY 18, 1992

10:00 A.M.

Location - Take May Post Office Road south from the square in Strasburg 6 miles, turn right on Eden Road 1 mile to property. From Route 372 at east end of Quarryville, turn north on Groff Road then right on Eden Road, 2½ miles to sale. Eden Twp., Lanc. Co., Pa.

VALUABLE REAL ESTATE

Approximately 5.5 acres of land.

2½ story 8 room house, with vinyl siding. Enclosed and open porch, at rear of house. Large treated deck at front. 2½ baths. Large live-in basement with full bath and solar type window area. Insulated. Hardwood floors, except in kitchen. Coal and wood burning stove in basement for heating entire house. The house proper is only 2 years old.

Concrete block barn and workshop, 30'x56'; work area 28'x46' on two floors. Windows on 3 sides of work area. Two box stalls for horses. Storage room in basement.

1½ acre fenced pasture. 12 large covered individual game bird pens. Several small game bird pens.

10'x20' open front shed - 10'x16' storage barn.

Well - septic system and field.

Terms: 10% down day of sale, balance due within 30 days from day of sale.

WOODWORKING SHOP EQUIPMENT AND TOOLS

Petter 40 h.p. 4 cylinder diesel; Burlington, heavy duty 30" wide belt sander with hyd. motor, air and 12 volt controls; Jet CTAS150 10" tilting Arbor table saw with Biesemeyer T square fence and sliding table and hyd. motor; Jet VWP 20" planer; Sprunger 14" band saw; 36" cut-off saw;

Scheer 24" dove-tailer; Rockwell drill press with Mitre equipment; Delta 8' long bed joiner; Bridgewood BW 45 heavy duty spindle shaper with hyd. motor; Delta stock feeder with air motor; 36" wood lathe; 6"x42" edge sander.

Model 4C131 Dayton blower, belts, 70' of 8" duct work and dust collector.

Quincy 5 h.p. air compressor; 12½ gallon per minute hyd. pump; 20 gallon reservoir; oil cooler with hyd. motor; two 500 gallon air tanks; 275 gallon fuel tank.

Schneeberger pressure pot glue applicator; Black Bros. 8" glue applicator; Three Binks 2001 spray guns with pressure pots;

24" exhaust fan; 24' of 1½ " line shaft with pulleys and bearings; 16' of 1¼ " line shaft with pulleys and bearings.

Souix air screw gun; Souix ½ " air router; Stanley ½ " air router; Rockwell ¼ " air router; Two Bostitch T-28 air staplers; Bostitch air nailer.

Air sanders; Air motors 4 and 6 A.M.; air hoses; air line regulators and filters; work tables; heavy duty lumber cart; dollies; carts.

All sizes of pipe clamps; C clamps; saw blades; router bits; shapers; cutters;

300 sets of Accuride full extension drawer slides; stains; hardware; etc.

Inspection of property anytime except Sundays.

Sale at 10:00 A.M. Real Estate 11:00 A.M.

STEPHEN L. ESH
OWNER

DIFFENBACH'S AUCTS. 225L
Phone 717-393-4464

David B. Diffenbach, Atty.

Lunch Available

Dairy and Livestock Sales

JUN.

FRI. JUN. 5 - 1:30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD.

FRI. JUN. 12, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

FRI. JUN. 19 - 1:30PM, Pigs State Graded Sale, at Westminster Livestock Auction, Westminster, MD.

FRI. JUN. 26, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA

JUL.

FRI. JUL. 10, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

FRI. JUL. 26, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

AUG.

FRI. AUG. 14, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

Green Dragon Livestock Sales
Located 1 Mi. N. On North State St., Ephrata

Sale Every Friday
11:00 A.M. Beef
7:00 P.M. Small Animal Sale.

200-300 Stocker & Feeders Every Friday. Regular Shippers Of Northern Cattle.

WALTER H. RISSER,
Prop.
Home 717-838-4318
Office 717-733-2444

— AUCTION —

230 ACRE DAIRY FARM

COLUMBIANA COUNTY

FAIRFIELD TOWNSHIP **CRESTVIEW SCHOOL DISTRICT**

We, the undersigned, will sell at Public Auction located 1 mile west of New Waterford, Ohio, on State Route 46 to farm or 2 miles East of Columbiana, Ohio, on State Route 14 to State Route 7 then 1½ miles South to State Route 46 (Columbiana-New Waterford Rd.) then East 1 mile to farm on

JANUARY 18, 1992 @ 11:00 A.M.

SHOW DATE JANUARY 4, 1992 1:00-4:00 P.M.

TERMS: Fifteen percent (15%) of purchase price down day of sale, balance due upon delivery of deed and title guarantee. This property sells without reservation to the highest bidder. If the above show date is not suitable please contact our office for an alternate date (216) 227-3236.

230 ACRES IN PARCELS

The following parcels will be offered separately and in combination, as well as in its entirety and selling the method bringing the most.

PARCEL #1: Consisting of 77 acres of land improved by a 2 story, 3 bedroom, frame home with 1½ baths, kitchen-dinette, large living room, partial knotty pine paneling, stone foundation, slate roof, oil forced air furnace, water conditioner, aluminum siding.

Also 40'x70' bank barn with 40'x60' and 60'x60' additions; Grade-A milk house; carousel milking parlor; Pole constructed 103 stall loafing barn with metal roof; 30'x60' machinery shed; 30'x40' machinery shed; 40'x60' machinery shed; 1 car detached garage; 40'x60' bank barn with slate roof and concrete block foundation; 3 phase electric;

PARCEL #2: 58.5 acres of land with road frontage on State Route 46. This parcel has been stripped and has been released spring of 1991.

PARCELS #3,4,5,6: Each containing 5 acres of land having 300 ft. each of road frontage.

PARCEL #7: Containing 58 acres of land with 740 ft. of road frontage.

PARCEL #8: Containing 10 acres of land with 650 ft. of road frontage.

PARCEL #9: Containing 4.4 acres of land with 460 ft. of road frontage.

PARCEL #10: Containing 3.9 acres of land with 550 ft. of road frontage.

HARVESTORES, GRAIN BIN, PIPELINE

The following equipment will be offered separately and as part of the combination of parcels and sold the method it brings the most.

20'x65' Harvestore silo; 25'x65' Harvestore silo and unloader; 5000 bu. Behler batch dryer; 2- 10,000 bu. bins; 60 ft. grain leg; 2-5 ton feed bins; 800 bu. bin; 1000 bu. bin;

DeLaval pipeline and vacuum pump system for an 8 stall carousel milking parlor - complete.

MIKE DEMCZYK CHAPTER 12 TRUSTEE FOR
M. RALPH RUPERT, OWNER

JIM BAER AUCTIONEER/REALTY (216) 227-3236
KEN BAER AUCTIONEER/SALESMAN
GORDON KOEHLER AUCTIONEER/SALESMAN
BILL BAER APPRENTICE

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI. AUG. 28, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA

SEP.

FRI SEPT. 11, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc , Exit 12 East off I-81, Carlisle, PA.

FRI SEPT. 25, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc , Exit 12 East off I-81, Carlisle, PA.

OCT.

FRI OCT. 9, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA

FRI. OCT. 23, State Graded Feeder Pig Sale at Carlisle Livestock Market, INc., Exit 12 East off I-81, Carlisle, PA

NOV.

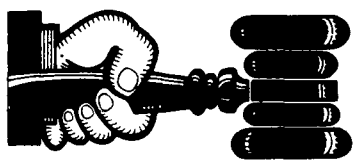
FRI. NOV. 13, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

FRI. NOV. 27, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA.

DEC.

FRI. DEC. 11, State Graded Feeder Pig Sale at Carlisle Livestock Market, Inc , Exit 12 East off I-81, Carlisle, PA.

THURS DEC. 25 - 11AM, State Graded Feeder Pig Sale - Sale Receiving 6AM until 9AM (Due to Christmas) at Carlisle Livestock Market, Inc., Exit 12 East off I-81, Carlisle, PA



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DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

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Quarryville, PA
PH: 717-786-3016

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.
FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-1566

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

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FARM AUCTIONS
Real Estate *Antiques*
Have Gavel, Will Travel!
Dick and Dan Seidof
Sciota, PA
717/992-4611

Dairy and Livestock Sales

NEW HOLLAND SALES STABLES, INC.

New Holland, Pa.
Located 12 Miles East of Lancaster, just off Rt. 23

WEDNESDAY, JANUARY 8, 1992
HEIFER SALE 11:00 A.M. — **FRESH COWS & HEIFERS 12:30**

1 Load New York State Cows, Registered and Grade, mostly fresh. Cows milking 80 to 90 lbs. Consigned by Leroy Smucker.

ALSO
Open Heifers and Springing Heifers.

Regular Run Of Locally Consigned Cows & Heifers

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The FIRST WEDNESDAY EVENING OF EACH MONTH at 6 P.M. sharp.
We are open the preceding Tuesday of each sale day to check in consignments from 8 A.M. to 8 P.M. Handling farm machinery, lawn and garden equipment, tools, fire wood, cut lumber and related miscellaneous items. Five auctioneers operating simulatenously.

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PUBLIC SALE
THURSDAY, JANUARY 23, 1992
9:00 A.M.
Draft Horses - Farm Machinery - Holstein Herd - Milk Equipment - Produce Equipment & Supplies
Sale at farm in Lancaster County, Pa. 3 miles South East of Intercourse, 2 miles North of Gap, from 772 go South on Pequea Valley Rd. opposite Pequea Valley High School.

38 Head ***Holstein Herd 1:00 PM*** ***38 Head***

Twenty five milk cows 12- 1st and 2nd calf heifers, 4 head fresh Dec. and Jan. Four percent butterfat Dec. 3.9 protein, 13 heifers 10 month to calves, 30 day charts - preg. checked.

Auct. Note: This is a young herd good type on udders- potential.

Barn - Milking Equipment

Girton 500 gal. tank, 2 DeLaval 50 pail milker units, extra 50 lb. pail, and 65 lb. pail, Surge vacuum pump. 3 Hp cooling compressor new pump, 3 carrying pails, 2- S.S. strainers, gas hot water heater, Bender unit washer, 3 carrying pails, 2 feed carts, 2 wheelbarrows, silage cart.

Feed

App. 35 ton ear corn, 58 ft. corn silage in 12x50's, app. 20 ton 2nd, 3rd cutting alfalfa.

Produce Supplies, Greenhouse

8x16 walk in truck box cooler, 10x12 produce stand, scales, boxes, baskets, 13x30 greenhouse and supplies.

Six Head Horses • Harness & Hitches

One pair red roans, 3 blond sorrel mares, red sorrel mare, 6 set of Harness, bridles, etc., single, double, trees 5-6 horse hitches.

Farm Machinery

New Holland 456 mower, New Idea crimper with Smucker rolls, 2 New Holland rakes, Grimm tedder, New Holland 310 baler w/engine, 2 bottom hyd. plow, 24 discs K.B.A. John Deere disc harrow, 10 ft. spring tooth harrow, log roller like new, Vicon 1200 lb. fertilizer spreader. Two 2 horse cultivators, Wiard 106 walking plow, 2 auto turn forecarts, 1 with brakes, 1 fore cart and scraper blade, 1 horse scraper, boom field sprayer, 90 ft. ext. ladder, Stihl mist blower sprayer.

2 flatbed wagons, 2 spring wagons, corn sheller, gas tank w/pump, dump rake, 2 wagon load small items, few household goods, combine, cupboard, 6 matching cane bot. chairs, chest of drawers, youth bed, folding cot.

Owners:
Samuel F. & Lydia Stoltzfus

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Steve, Jr. **Petersheim**
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Next Public Auction will be at the Woodsboro, MD Farm
Thursday, January 16, 1992, 11:00 A.M.

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(717) 569-2106	(301) 898-7663

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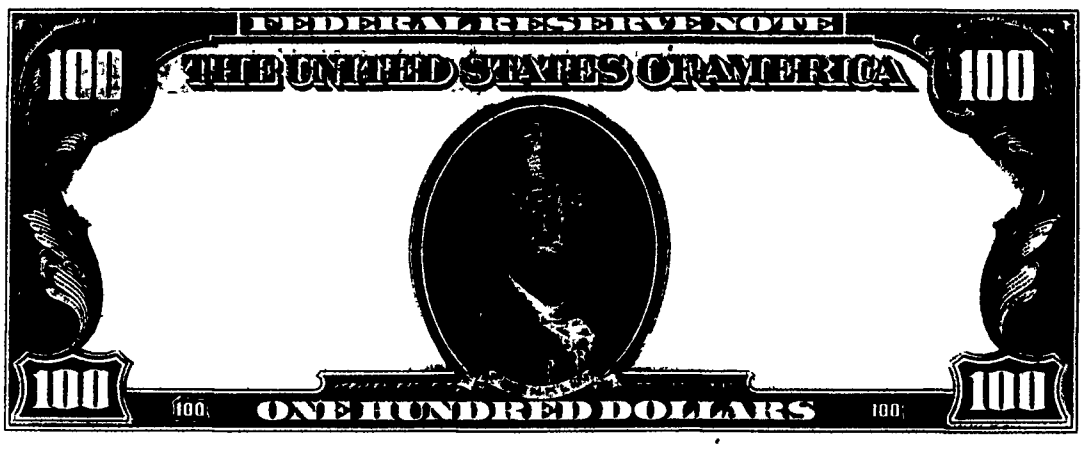

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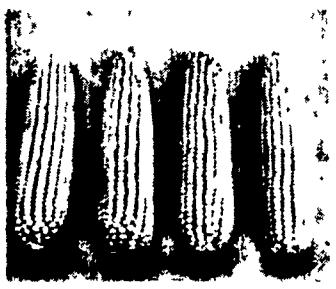
6 NEW HYBRIDS For 1992 Our 60th Year

Muncy Chief XA7790-110-115 Days
Muncy Chief XA7766-110-115 Days
Muncy Chief XA4492-90-100 Days
Muncy Chief SX3602-88-93 Days
Muncy Chief SX2220-85-90 Days
Muncy Chief SX1010-80-82 Days

1991 Yields
MUNCY-CHIEF XA7766
207 Bu. Per Acre
Average 2 tests 205 Bu.
Average 6 Tests 181.42 Bu.
SILAGE 21.23 Tons Per A.
at
MUNCY, PENNA.

1991 Yields
MUNCY-CHIEF XA7790
210 Bu. Per Acre
Average 2 Tests 205.5 Bu.
Average 6 Tests 173.05 Bu.
SILAGE 21.75 Tons Per A.
at
MUNCY, PENNA.



XA7790 XA7766

INTRODUCING SIX NEW HYBRIDS FOR 1992

Muncy-Chief XA7790

Muncy-Chief XA7790 this 110 day hybrid is superior to many hybrids. XA7790 is high yielding and has excellent standability. It has good eye appeal and is worthy to be planted in competition with any of the most popular hybrids. Feeding quality is excellent.

$56.90 Bu. 25 Bu. Skids Bags or Bulk U or Plateless
PRICE $70.00 Bu. Medium Flats $68.00 Medium Rounds $67.00 U Or R

Muncy-Chief XA7766

Muncy-Chief XA7766 110 days to ripe corn. This hybrid is somewhat related to Muncy-Chief XA7790. It is superior to many hybrids of 110-115 day maturity, has excellent standability, high yield and good eye appeal. For a good crop plant XA7766 and XA7790.

$56.90 Bu. 25 Bu. Skids Bags or Bulk U or Plateless
PRICE $70.00 Bu. Medium Flats $68.00 Medium Rounds $67.00 U Or R

Muncy-Chief XA4492

Muncy-Chief XA4492 has an excellent yield record and has good eye appeal. It has been made with some of the best lines that make up SX390 and XA560 and is sure to be a winner on farms that like a little earlier hybrid on their farm for early harvest.

$56.90 Bu. 25 Bu. Skids Bags or Bulk U or Plateless
PRICE $70.00 Bu. Medium Flats $68.00 Medium Rounds $67.00 U Or R

Muncy-Chief SX3602

Muncy-Chief SX3602 a new hybrid in the 300 class and can be expected to make excellent yield in the 85-90 day grain maturity, it has good standing qualities and disease resistance.

$56.90 Bu. 25 Bu. Skids Bags or Bulk U or Plateless
PRICE $70.00 Bu. Medium Flats $68.00 Medium Rounds $67.00 U Or R

Muncy-Chief SX2220

Muncy-Chief SX2220 is an improved SX220, however a little later, yellow seed instead of orange, has good yielding ability and good standability. All early hybrids should be harvested when ripe to get best yields. 85-90 days for ripe corn. Better for silage than SX220 with more yield and lots of grain.

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PRICE $70.00 Bu. Medium Flats $68.00 Medium Rounds $67.00 U Or R

Muncy-Chief SX1010

Muncy-Chief SX1010 a real early single cross hybrid in 80-85 day grain maturity. Should be higher yielding of 10 to 15 bushel more per acre. A good replacement for Muncy-Chief H208E a favorite in the north. Stands well, disease resistance and above all early.

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95L15 6 Ply TT	$65.95
11L15 8 Ply TT	$84.95
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1000-16 8 Ply TT	$89.60
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95L15 6 Ply TL	$51.95
95L15 8 Ply TL	$54.95
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11L15 8 Ply TT	$48.95
11L15 10 Ply TL	$72.95
11L15 12 Ply TL	$84.20
12L15 12 Ply TL	$98.95

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169-38 6 Ply	$415.00
184-34 6 Ply	$399.00
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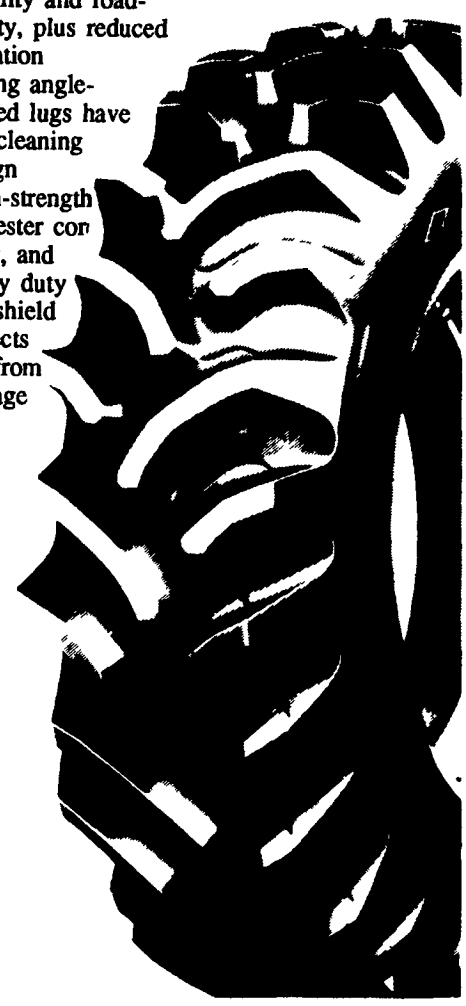

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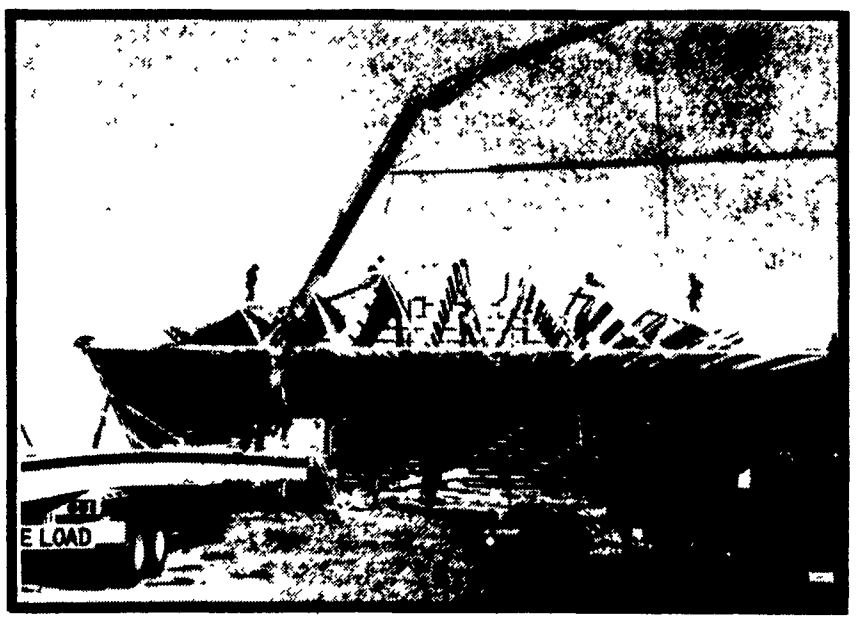
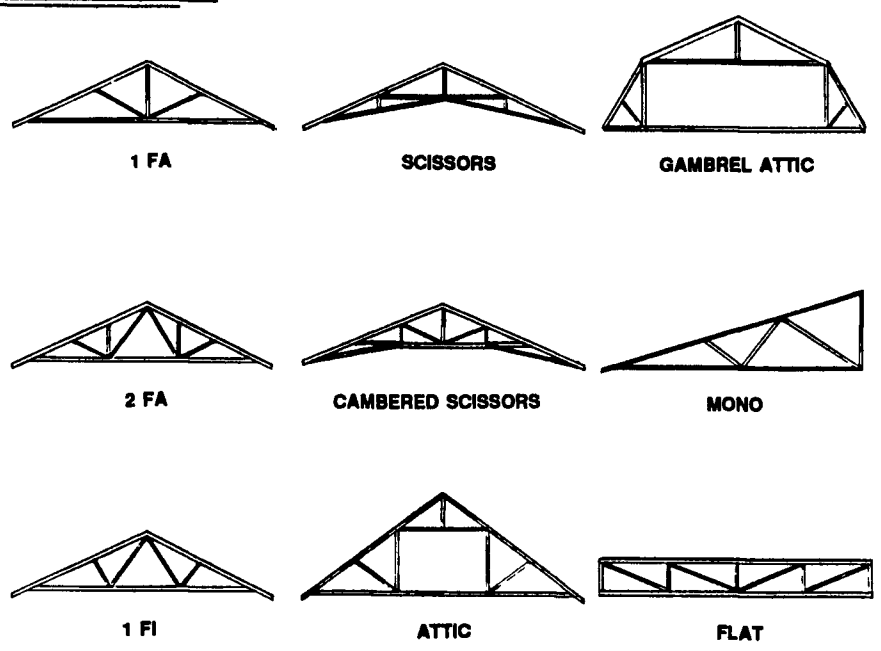
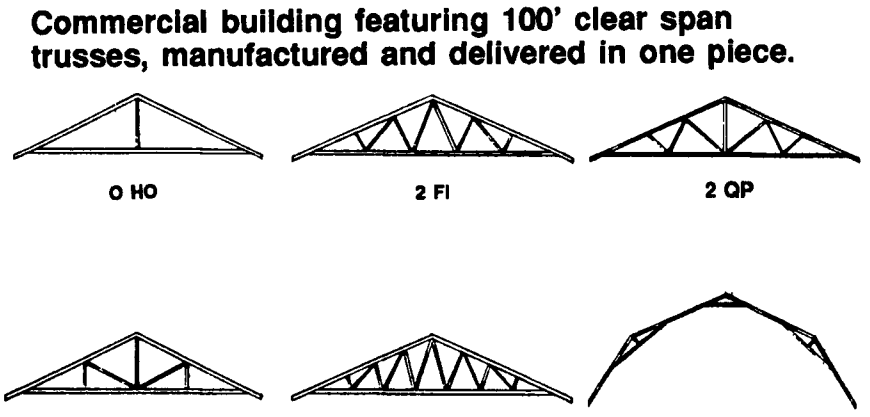
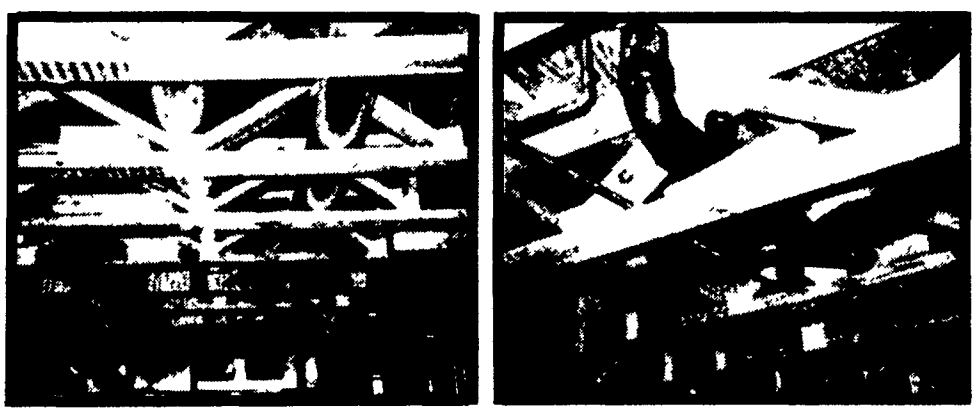


Commercial building featuring 100' clear span trusses, manufactured and delivered in one piece.







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Kline Reelected To ASC Committee

LANCASTER (Lancaster Co.) — Paul B. Kline, a Lititz area crop and poultry producer was recently elected to serve on the County Agricultural Stabilization and Conservation (ASCS) Committee for another 3-year term. He was elected by community committee delegates at the annual convention held December 17, 1991 at the Farm and Home Center. .

After completing 19 years of service with ASCS in various capacities, Kline said, "I enjoy working for agriculture and the farmers of Lancaster County." He began his first term in 1973; this will be his fifth term on the County ASC Committee.

Kline will represent the farmers of northwestern Lancaster County in the administration of Agricultural Stabilization and Conservation Service (ASCS) programs for his second consecutive term beginning January 1, 1992. His duties as part of the 3-member county committee will include determining eligibility for payments, making recommendations on farm programs, approving or denying funds, and assessing the proper administration of the ASCS programs. The Acreage Reduction Program, Conservation Reserve Program, and Conservation cost-sharing are some of the major county programs.

Also elected at the county convention were Luke F. Brubaker, Mount Joy, as first alternate and Jere E. Swarr, Manheim, as second alternate. Each alternate will serve a 3-year term also representing the northwest segment of Lancaster County.

The community committee delegates also chose Paul B. Kline to be Chairman. Robert Martin was selected to be vice chairman, and Lloyd Welk of Quarryville is the third member.

Elected by the local farmers to be delegates to the county convention and representing the communities in northwestern Lancaster County for a three-year term were:

Community No. 1 Conoy, West Donegal & Mount Joy Townships: Chairman: Paul M. Wolgemuth, Elizabethtown; Vice Chairman: Lester M. Hawthorne, Elizabethtown; Regular Member: James E. Hershey, Elizabethtown; First Alternate: M. Jane Balmer, Mount Joy; Second Alternate: Bonita Becker, Elizabethtown.

Community No. 2 East Donegal & West Hempfield Townships: Chairman: Luke F. Brubaker, Mount Joy; Vice Chairman: Donald C. Drager, Marietta; Regular Member: Clair Hollinger, Mount Joy; First Alternate: Kenneth E. Zurin, Mount Joy; Second Alternate: Robert P. Hoffines, Marietta.

Community No. 3 Rapho Township: Chairman: Jere E. Swarr, Manheim; Vice Chairman: Albert Breneman, Manheim; Regular Member: Paul N. Newcomer, Mount Joy; First Alternate, Galen N. Benner, Mount Joy; Second Alternate, James L. Musser, Mount Joy.

Community No. 4 Penn, Warwick & Elizabeth Townships: Chairman: Isaac G. Geib, Manheim; Vice Chairman: Mervin Sauder, Lititz; Regular Member: Forney Longenecker, Lititz; First Alternate: J. Roger Moyer, Jr., Lititz.

Community No. 10 Manheim & East Hempfield Townships: Chairman: Earl N. Landis, Manheim; Vice Chairman: James E. Kettering, Manheim; Regular Member: James R. Erb, Lancaster; First Alternate: Lynn H. Royer, Lancaster; Second Alternate: Jere W. Grube, Manheim.

Community No. 11 Manor Township: Chairman: Earl L. Newcomer, Washington Boro; Vice Chairman: Elmer S. Sensenig, Lancaster; Regular Member: Amos W. Breneman, Columbia; First Alternate: Nelson R. Habecker, Lancaster.

PA Grange To Meet At Farm Show

HARRISBURG (Dauphin Co.) — Topics of interest to farmers and rural people, including computers and farming and the Animal Health Commission, will be discussed at the annual Pennsylvania State Grange Farm Show meeting, Jan. 13, 1992.

Four half hour presentations will be hosted by the Grange starting at 1 p.m. in room B of the Farm Show Complex and adjourning at 3 p.m. These presentations, open to the public, include: A member of the Animal Health Commission, Robert Gabel, discussing its goals and accomplishments, 1 p.m.; Dr. Arthur Hussey, assistant director for computer services in the Penn State College of Agricultural Sciences, discussing computers and the farm, 1:30 p.m.; John Gartside, executive director, discussing the Federal Crop Insurance Corporation, 2 p.m.; and Charles Wismer, president of the PA Grange Service Corporation, discussing the many benefits offered through Grange membership, 2:30 p.m.

"With its large farming audience, the Farm Show is the perfect place to offer these meeting to the public," said Brenda Shambaugh, legislative director of the PA State Grange. "We hope many people will take advantage of not only these meeting but the many other opportunities which the Farm Show has for farmers and non-farmers."

The Pennsylvania State Grange represents more than 35,000 people. Originally organized as the first family fraternity, the Grange today takes an interest in all areas of rural living including health care, education, local roads, wetlands, farm preservation and other agricultural issues.

Video Overviews Bay Program

HARRISBURG (Dauphin Co.) — "Toward a Cleaner Chesapeake," a 10-minute videotape on Pennsylvania's Chesapeake Bay Program, has recently been released as announced by Caren Glotfelty, deputy secretary for water resources management, Department of Environmental Resources.

Available from the Pennsylvania Chesapeake Bay Education Office, the video provides an overview of the state's Chesapeake Bay Program with an emphasis on its agricultural conservation program.

Such issues as nutrient management planning and the adoption of sound erosion control practices are addressed along with information on how the local conservation districts can assist farmers. Tips on how homeowners can become involved are also included.

A fact sheet accompanies the video, detailing more information about Chesapeake Bay cleanup efforts.

Copies of the videotape are available for loan from local conservation districts and the Pennsylvania Chesapeake Bay Education Office, 225 Pine St., Harrisburg, PA 17101, (717) 236-1006.

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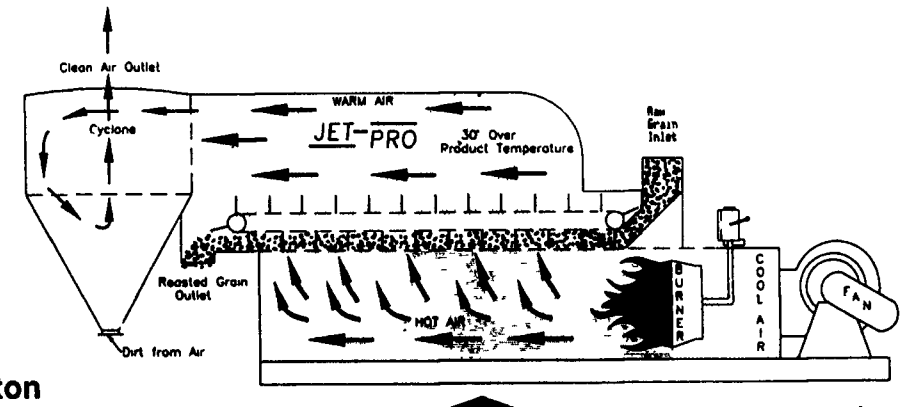

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New Officers Named For Delmarva Poultry Industry

GEORGETOWN, DE — New officers and directors for Delmarva Poultry Industry, Inc. (DPI), the 4,000-member trade association for Delmarva's more than one-billion-dollar-a-year poultry industry, will assume office on January 1, 1992.

The new DPI president will be Dr. G. Thomas Holder of Salisbury, Maryland. Dr. Holder is Director of Avian Health for Allen's Hatchery, Inc., Seaford, Delaware. He has served DPI in several capacities over the years, including chairman of the Poultry Health Committee, chairman of the National Meeting on Poultry Health and Condemnations, chairman of DPI's Emergency Poultry Disease Task Force, and as first vice president in 1991.

Larry K. Winslow of Salisbury, Md., Vice President, Fresh Poultry Operations, Perdue Farms, Inc., is the new first vice president. In this capacity, he will head the annual DPI Fund Drive.

A recent newcomer to Delmarva's poultry industry will serve as second vice president. He is Dr. W. Fraulene McKnight, Live Operations Manager, ConAgra Broiler Co., Milford, Del.

Holder, Winslow, and McKnight join Immediate Past President Alden H. Balfany, President, Central Grain, Inc., Salisbury, as DPI officers for 1992.

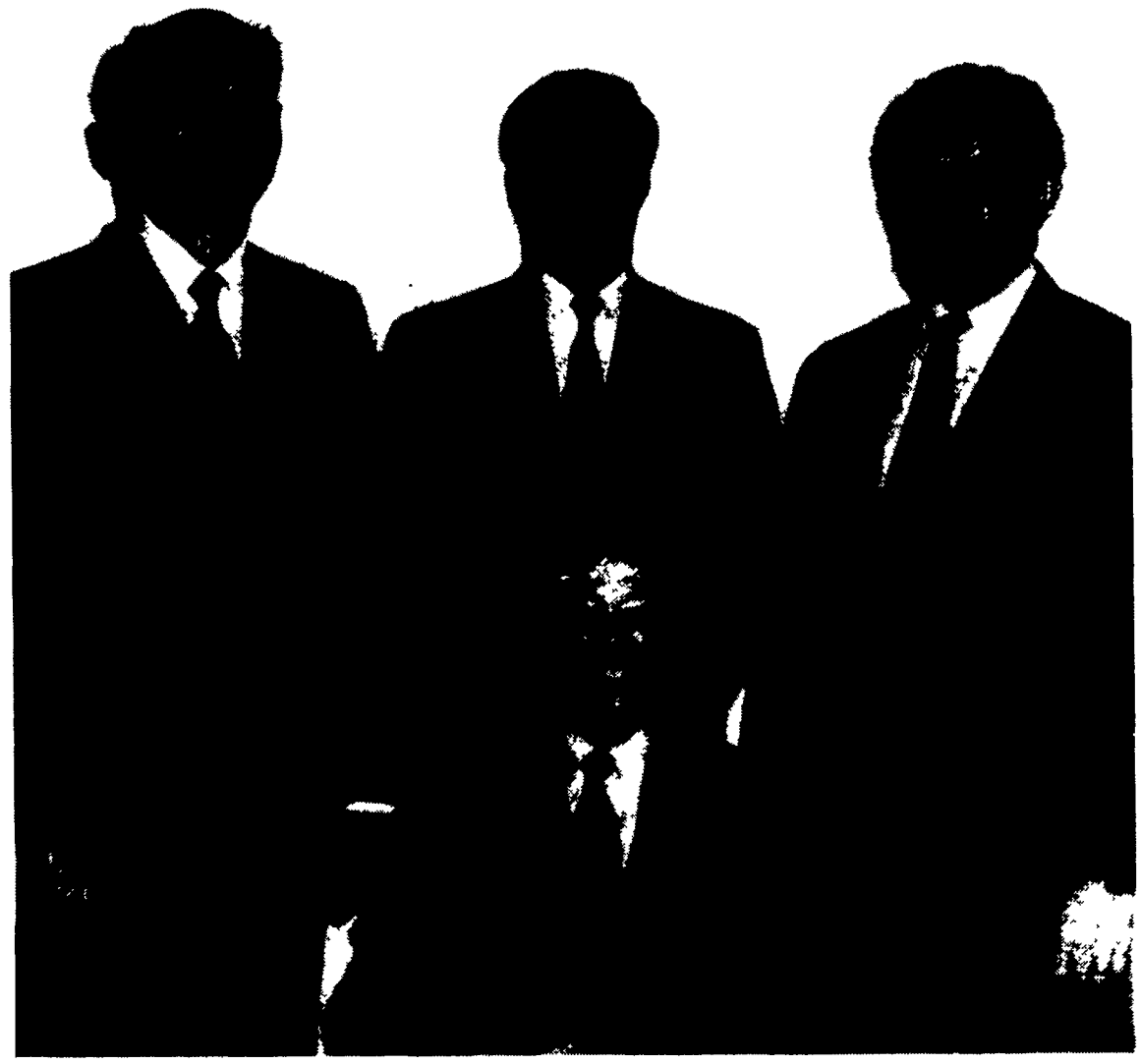
There will be several new members of the board of directors in 1992. They are Warren Allen, Jr., Vice President, Live Operations, Allen's Hatchery, Inc., Seaford, Del.; Roy Beauchamp, Realtor, Ahtes,Hanna,McLaughlin, Salisbury, Md.; Wayne Jones, General Manager, ConAgra Broiler Co., Milford, Del; Pelham Lawrence, President, Perdue Farms, Inc., Salisbury, Md.; Dr. Douglas K. Marvil, Corporate Director of Nutrition, Showell Farms, Inc., Showell, Md.; Kent E. Miller, Area Manager, Vineland Labs Inc., Delmar, Md.; Walter Moorhead, Director of Processing, Townsends, Inc., Millsboro, Del.; E. Randolph White, Northeast Live Operations Manager, Townsends, Inc. Millsboro, Del.; and John G. Wilson, Live Operation Manager, ConAgra Broiler Co., Hurlock, Md.

Returning DPI board members from Delaware are: George Adkins, Allen's Milling Co., Delmar; Everett T. Conaway, Conaway Processing Equipment Co., Seaford; A. James Dennis, Jr., Perdue Farms, Inc., Georgetown; Dr. J. David French, Townsends, Inc., Millsboro; Daryl Houghton, Townsends, Inc., Millsboro; Dr. Spangler Klopp, Intervet, Millsboro; Leon LaChance, Allen's Hatchery, Inc., Seaford; Donald J. Lynch, Animal Health Sales, Inc., Selbyville; Warren H. Mumford, Mumford Sheet Metal Works, Inc., Selbyville; David L. Pogge, Mountaire of Delmarva, Inc., Selbyville; Charles S. Postles, Jr., Milford; Edward H. Ralph, University of Delaware, Georgetown; Lloyd R. Webb, Delaware Farm Credit, Georgetown.

From Maryland: Terry Baker, Showell Farms, Inc., Showell; Richard S. Barr, Barr International, Inc., Salisbury; Paul E. Downes, Mountaire Farms of Delmarva, Inc., Princess Anne; W. Simpson Dunahoo, Hebron; Richard R. Ennis, Tyson Foods, Inc.; Neal C. Evans, Hudson Foods, Inc., Berlin; Paul Ferrier, G & M Sales of Delmarva, Salisbury; Robert K. Holland, Perdue, Inc., Salisbury; Otto K. Lange, German, Hersloff & Swanson, Inc., Easton; Donald D. Mariner, Hudson Foods, Inc., Berlin; Robert G. Miller, Maryland National Bank, Salisbury; Harry J. Mitchell, Mitchell Farm, Inc., Berlin; L. Peter Patrick, Sharp Energy, Inc., Salisbury; Calvin Peterson, Delmarva Power, Salisbury; Dr. Keith E. Rinehart, Perdue, Inc., Salisbury; James L. Shelton, Parsonsburg; Edward W. Trainor, Trainor Farms, Marion Station; Dr. Paul V. Twining, Jr., Paul Twining Associates, Inc., Princess Anne; Franklin L. Wrenn, Showell Farms, Inc., Showell.

And from Virginia: Charles Carpenter, Perdue, Inc., Accomac; Paul G. Clifford, Atlantic; Carl A. Cold Tyson Foods, Inc., Temperanceville.

Ex-officio board members representing the local land-grant universities are: Dr. William J. Benton, University of Delaware; Dr. Raymond J. Miller, Maryland Institute for Agriculture & Natural Resources; Dr. Joseph A. Soares, University of Maryland; Dr. John H. Wolford, Virginia Tech.



The new officers for the Delmarva Poultry Industry are, seated, Dr. G. Thomas Holder, director of avian health, Allen's Hatchery, president. Standing from left, Alden Balfany, Central Grain Company, immediate past president; Larry Windslow, Perdue Farms, first vice president; and Dr. Fraulene McKnight, ConAgra Broiler.

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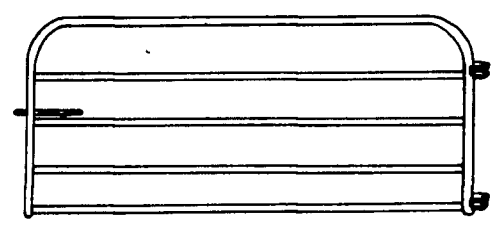

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3 Sizes
Cows
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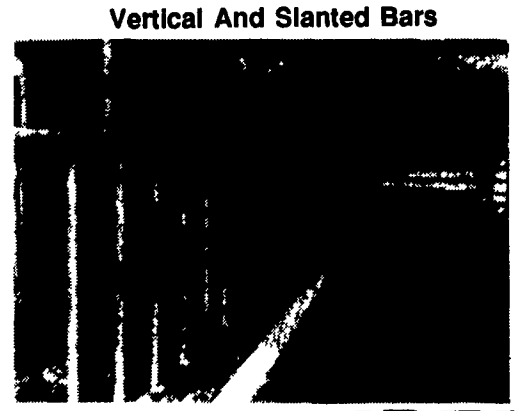

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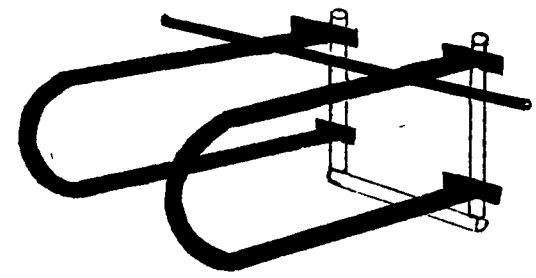

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Groundwater Education Funds Available

UNIVERSITY PARK (Centre Co.) — The Pennsylvania Groundwater Policy Education Project (PA-GPEP) has issued a request for proposals for local groundwater policy education grants.

The grants, expected to be about $3,000 each, will be awarded to local or regional coalitions of civic groups, municipalities, or other public interest organizations. The funds are to be used to increase public understanding of community groundwater resources and management and to enhance citizen participation in local policy decisions that affect groundwater, especially where groundwater issues cross political or property boundaries.

Dr. Charles Abdalla, project co-director and Penn State associate professor of agricultural economics, said about 10 local educational projects will be funded. Those projects will serve as models for similar programs in other communities.

The deadline for proposals is February 14. To receive a copy of the request for proposals, call the League of Women Voters of Pennsylvania at (800) 692-7281.

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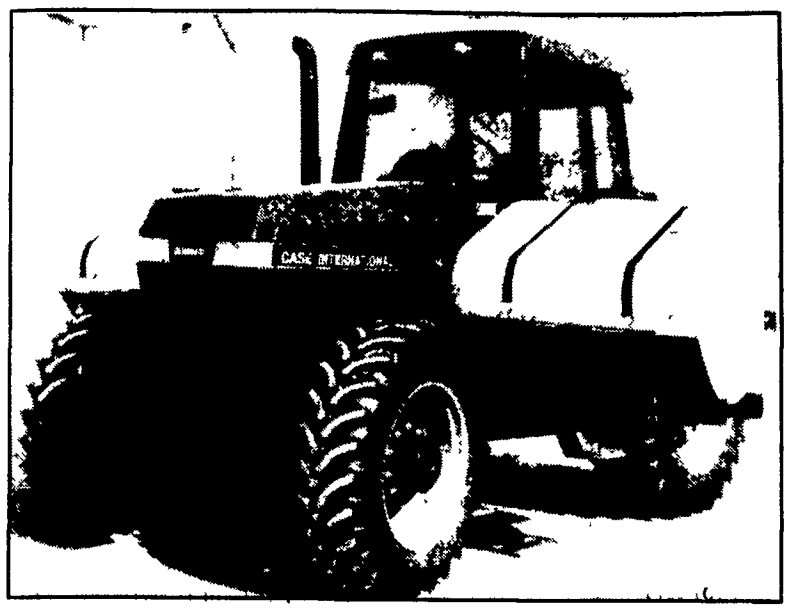

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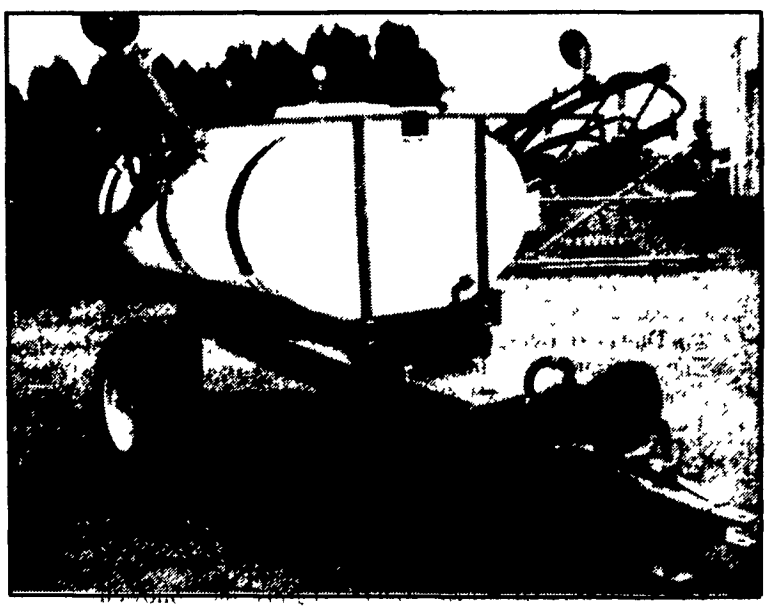

500 gallon Pull-Behind 47½' 3-fold suspension boom, Low profile elliptical tank, Single or Tandem axles, Many pump options.

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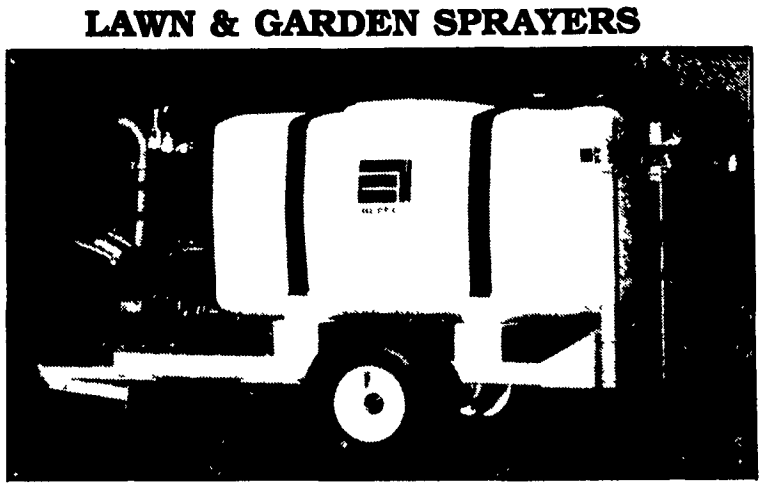

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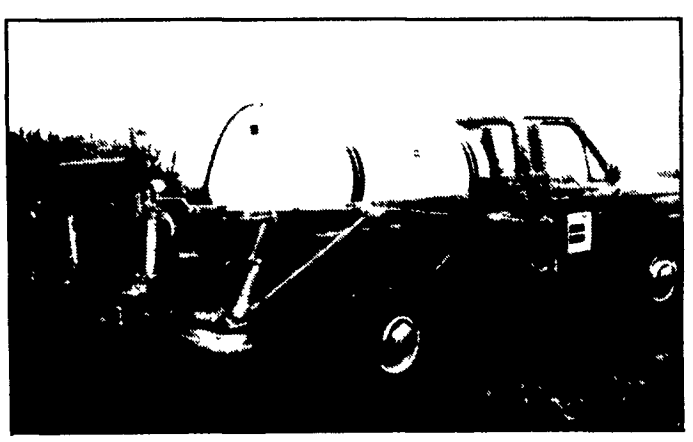

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Fertilizer Expo Remains Successful

MANCHESTER, Mo. — Nearly 1,400 retail fertilizer and agricultural chemical dealers, exhibitors, and industry leaders attended the National Fertilizer Solutions Association (NFSA) recent convention and expo held in Kansas City, Mo., according to Reggie Cook, convention chairman and sales manager for Tri-County Chemical Inc., Ridgway, Ill.

Cook says the four-day event was a huge success.

"We succeeded in bringing qualified buyers who came with their checkbooks," he said. The trade show attracted more than 120 exhibiting companies, and occupied more than 90,000 square feet of the Kansas City Convention Center. Exhibitors report the sale of several million dollars worth of products during the show, the largest of its kind in North America.

In addition to the expo, the convention featured industry leaders who addressed many of the critical issues that will impact the industry in 1992. General session speakers included Chuck Childers (Potash Corp. of Saskatchewan), Dennis Avery (Hudson Institute), Keith Bjerke (USDA), John Haberern (Rodale Institute), Dixy Lee Ray (Univ. of Maryland), and many others from the private sector, government, and academia.

Another feature of the convention was the Young Dealers Conference, which continues to grow in attendance.

"We believe it is vital to the industry to provide entrepreneurs with the management and agronomic tools that will help them be successful, and we'll be offering more programs of this type in the future," said Jim Boillot, NFSA executive vice president and CEO.

Business News

Companies Share Safety Breakthroughs

WAYNE, N.J. — Two of the nation's leading agricultural companies, American Cyanamid Company and Deere & Company — announced that they will share a unique and important technological advance with four other planter manufacturers.

The innovation, known as the Lock 'n Load™ closed handling system, is a completely enclosed chemical transfer method that protects farmers from unnecessary exposure to Counter® and Thimet® insecticides. Counter and Thimet are both organophosphate insecticides used to control a variety of soil insect pests in a number of crops.

"We worked with John Deere to share this technology with other key planter companies because farm worker safety is such an important issue," said William F.R. Griffith III, vice president of Cyanamid Agricultural Division and general manager of its crop protection chemicals department.

Previously, the Lock 'n Load™ system was available only on John Deere MaxEmerge™ and MaxEmerge 2™ planters. This new agreement covers equipment manufactured by Case IH, Gandy Company, Kinze, and White-New Idea Farm Equipment.

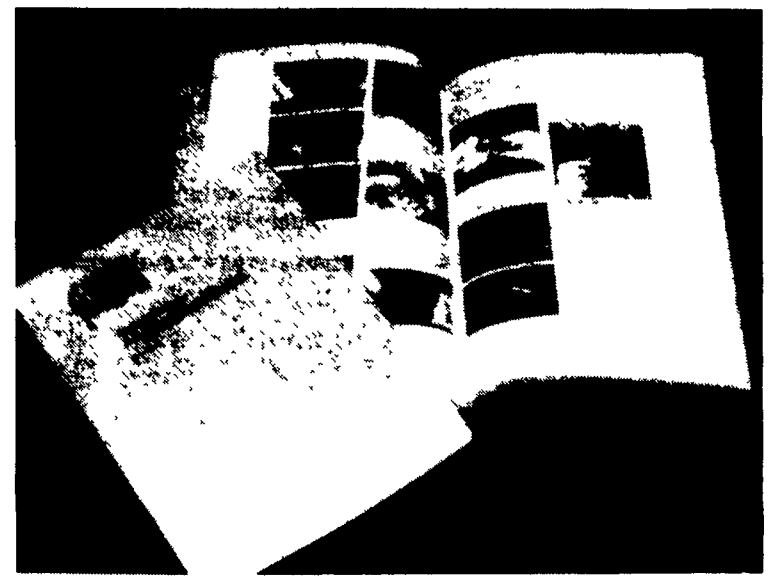
American Cyanamid Company Counter® and Thimet® Lock 'n Load™ closed handling system containers.

"Sharing an innovative design with other companies has its risks," said Herman Jasper, marketing manager for the John Deer Harvester Works. "But both Deere and Cyanamid felt that customer safety and convenience benefits were significant enough to warrant this unusual move."

The Lock n'Load™ closed handling system was developed not only for user ease and convenience but also to address environmental and user safety issues. The system represents a clear alternative to burning empty pesticide containers and other related environmental concerns.

"We would like to see the Lock 'n Load™ system become the standard for insecticide handling throughout the agrichemical and farm equipment industries," Griffith said.

ABS Releases AI Manual



DEFOREST, Wis. — American Breeders Service (ABS) announces that the third edition of the artificial insemination manual is currently available. The new manual educates readers about artificial insemination practices and can be used as a reference tool.

With the new edition, information regarding reproduction has been moved to the beginning of the manual to aid breeders in learning about the reproductive equation. Also, the dairy cattle breeding terminology has been updated and the new edition includes an udder care management chapter.

The manual can be ordered by calling ABS' customer service number at (800) ABS-STUD and asking for item number S30022, A.I. Management Manual. Cost for the manual is $10.

Alderfer Auction Company Sells Antique Collection

HATFIELD (Montgomery Co.) — A record crowd of 675 registered bidders attended the Alderfer Catalogued Auction recently, featuring the collection of the late antique collector and dealer, Stephen Arena.

The collection consisted of a variety of fine pieces ranging from a nearly perfect Apache basket ($925), to a R. & W. Wilson coin silver hot water urn ($3,200), and a bronze packhorse by E. Fremiet ($3,900).

Major items included a beautiful Pennsylvania walnut kas ($8,500), a Mahajaran Sarouk oriental rug ($6,500), and a John Hagey cherry and figured cherry 8-day tall clock ($16,000).

Other catalogued items of interest included a late 18th Century Chester county cherry dropleaf table ($7,500), a decorated Pennsylvania hanging corner cupboard ($12,500), and a C. 1890 brass cannon ($4,750).

Uncataloged items from Arena's collection and home were sold in the Alderfer Auction Gallery. Included was a 200-piece silver collection featuring a Tiffany sterling silver basket which sold for $900.

In a second session, items from other consignors were sold, including a small Rae Sloan Bredin painting ($9,750), a John Folinsbee ($6,000), and a C. Philip Weber seascape ($3,500). A lovely W.E. Baum painting, "The Road to Allentown," brought $13,500.

Nutrena Adds Color To Starter Feeds

MINNEAPOLIS, Minn. — The Nutrena Feed Division of Cargill has introduced a new phase feeding program that uses colored feeds.

The new Right Track program matches specially formulated nutrient-dense feeds to the development phases of young pigs. It also simplifies feed purchasing and management.

"We started with the concept of color-coded phase feeding," said Dallas Hockman, Nutrena swine products manager. "We identified three phases of a pig's early development and formulated three feeds that would correspond to nutritional requirements at each phase. Then we assigned a different color to each phase, which may be an industry first.

"The colors are used to emphasize the phase feeding concept and to highlight our packaging and the Right Track product names," he said.

According to Nutrena's research, pigs go through three different developmental phases prior to leaving the nursery. Each of these phases brings with it very different and specific nutritional needs.

By giving the pigs the exact nutrients they need at each stage of development, a producer can maximize the pig's growth and ensure the best possible nutrition.

The colors of the Right Track starter pig feeds are similar to stoplight colors — Right Track Red is for the "dangerous" or critical weaning period, Right Track Gold is for the next "cautionary" phase of development, and Right Track Green is for the final phase when all systems are "go" for growth, said Hockman.

Dr. Andy Thulin, Nutrena's swine technical information manager, said each of the Right Track starter pig feeds is specially formulated to ensure that nutrient requirements are met and that intestinal development is not compromised.

The ingredients in each Right Track feed product are carefully matched to the pig's ability to break down starch, protein, fat and milk sugar.

"Our research shows a seven percent daily gain improvement and an 11 percent feed conversion improvement when comparing the Right Track program to Nutrena's previous starter pig feeding programs. This means that pigs will reach a weaning weight of 50 pounds approximately three days quicker.

"This results in a savings of approximately seven pounds of feed per pig," he said. "If you figure that times 100 pigs in a group, that represents a savings of 700 pounds of feed per group."

Seedway Appoints Sales Manager

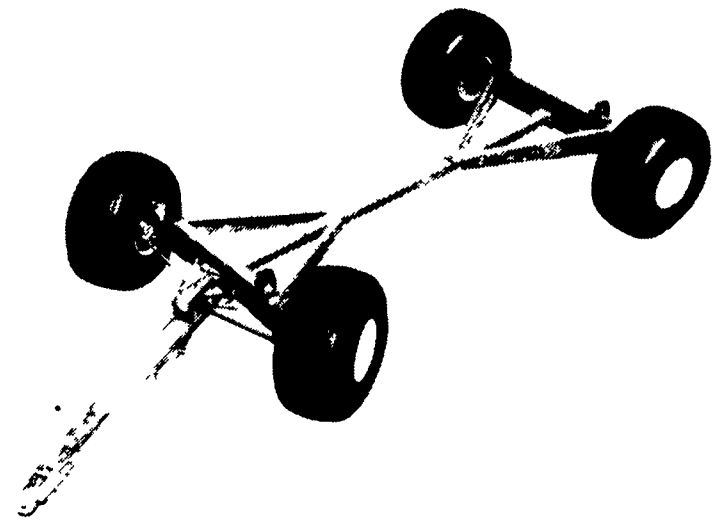
YORK (York Co.) — Gene Hohl, Seedway director of marketing, announces the appointment of William H. Snyder of West Columbia, S.C. to the Seedway sales staff in the position of district sales manager for southeastern Pennsylvania and northern New Jersey.

Snyder will relocate to the area in early 1992 to serve the region's farmers through the established Seedway farm seed dealer network.

Snyder is a native of New Jersey, where he grew up on his father's Manalapan Township grain farm. He later attended Brookdale Community College.

Snyder is a past member of the Future Farmers of America and past president of the New Jersey FFA Association. His experience in the seed industry, spanning a decade, will be put to use immediately in supporting Seedway dealers and acting as a valuable resource to the region's farmers.

William H. Snyder



Unverferth's high capacity, 20-ton running gear carries the load straight and true, providing safe transport even when fully loaded.

Unverferth Carries 20-Ton Running Gear

KALIDA, Ohio — A high capacity, 20-ton running gear is available from Unverferth Manufacturing Company, Inc.

The heavy-duty running gear carries the load straight and true, providing safe transport even when fully loaded.

Front and rear brakes and an extendible spring assisted tongue are standard. Truck type steering components provide smooth, easy transport.

The 20-ton running gear is designed for use with high capacity gravity flow boxes.

For more information, contact Unverferth Manufacturing Co., Inc., P.O. Box 357, Kalida, OH 458253, (800) 322-6301 or (419) 532-3121.

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WIND AND SNOW LOAD ON POULTRY ENCLOSURES

Herbert C. Jordan
Assoc. Prof.
Poultry Science

As winter creates loads of wind, snow, and ice on farm structures, it can cause severe damage or collapse of pens or buildings. This has happened several times in Pennsylvania since 1960.

Pheasant pens and poultry buildings may need examined for design and existing strength for possible damage this winter. To learn more about building design requirements, write or call American Society of Agricultural Engineers, 2950 Niles Rd., St. Josephs, MI 49085, (616) 429-0300 and ask for the ASAE Engineering practice publication EP-288.4 dated July 1987. The publication provides information on the snow and wind loads for agricultural buildings and originated from the American National Standards Institute A58.1, 1982.

Variation in amount of snow falling each month can be wide. It is normally the heavy snow loads that damage pens or buildings. Wind load or ice can also cause damage. Some folks believe a Teflon-like coating on metal roofs may cause snow and ice to slip off quickly; however, this is not yet proven.

If precipitation is high this winter 1991-1992, heavy snow loads could collapse a pheasant pen or a poultry or rabbit building. This is expensive.

Our goal is to adequately design snow load plus dead load into all structures. Examine older structures for quality of load strength, reinforce roof if necessary, and consider wind and snow load, which are both important. Mountainous areas may have heavier snows than low lands.

In some cases, fresh snow has successfully been removed from a roof; however, this may be difficult to accomplish. If the snow is fresh or new and fluffy or dry, it is generally easier to remove.

Since the work of building crews can be more of an art than a science, it may be valuable to consult engineering standards to prevent damage from wind or precipitation.

For further information, contact your county agricultural extension agent.

Fruit, Vegetable Conference Set

Robert E. Leiby
David L. Dunbar
Lehigh Co. Agents

Producers of fruits, vegetables, berries, and bedding plants can look forward to another comprehensive conference and trade show for their industry at the end of January at Hershey, Pa.

On January 28-30, the 1992 Pennsylvania Vegetable Conference takes place in conjunction with the annual meeting of the State Horticulture Association of Pennsylvania (for tree fruit producers) at the Hershey Lodge and Convention Center. Educational sessions begin each day at 9 a.m. and end at 4 p.m.

Complete registration information is available directly from the Pennsylvania Vegetable Growers Association (PVGA), RR 1, Box 392, Northumberland, PA 17857, (717) 473-8468. You may also get a registration form from your local county extension office. In Lehigh County, phone (215) 391-9840. Registration for members of PVGA is $20 in advance, higher for walk-in registration and nonmembers.

Highlights of the event include 65 separate presentations on all aspects of producing and marketing vegetables, fruits, berries and bedding plants; a trade show of more than 100 suppliers to the industry; strategies for preventing and controlling damage from pests; and a merchandizing short course.

Forage Directory Available

An updated list of farmers with all kinds of hay and straw is now available from the Lehigh County extension office at no cost. Dairy and beef producers will benefit by obtaining a copy along with those who have sheep, goats, and horses. Landscapers and gardeners will find several sources of straw.

"Southeast Pennsylvania Forage Directory" shows the producer, address, and phone along with the types of hay or straw, special features (such as mechanically dried or delivery available), and the size of lots that are being sold. Details are included also on three area auctions that have a hay and straw sale.

For a free copy, stop by or call the cooperative extension office in Lehigh County, Lehigh County Agricultural Center, 4184 Domey Park Rd., Allentown, PA 18104, (215) 391-9840.

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Complete Seedbed Preparation

Packers

■ Eliminate Crusting

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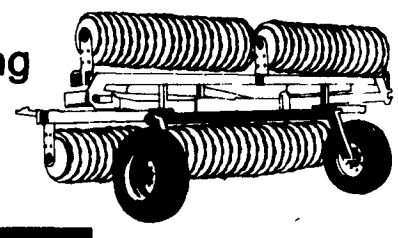
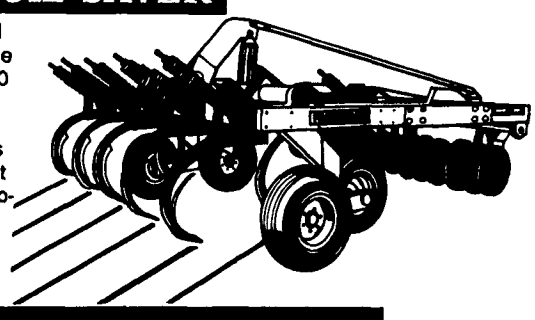


GLENCOE SOIL SAVER

Glencoe® is the recognized leader in conservation tillage equipment. And the SS7400 Soil Saver is no exception. Its advanced design slices and thoroughly incorporates crop residue into a resistant blanket to save valuable topsoil and nutrients. That means healthier new plants and higher crop yields. Choose one of seven Soil Saver sizes.



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Lease Finance Plan Available!

For small and medium-sized operators

Free-choice feeding of small round bales wastes hay – and money. Now you cut this waste by grinding small round bales into manageable feed with a Farmhand 3000 Tub Grinder. 80 to 150 horsepower tractors can power the new 3000, making it a practical performer for most livestock operations. It's a dependable machine that turns small round bales, square bales and other feed material into total mixed rations. Make the switch today to a profit-making new feed machine from the leader in tub grinder engineering.

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YOU'VE GONE WITHOUT ONE LONG ENOUGH!

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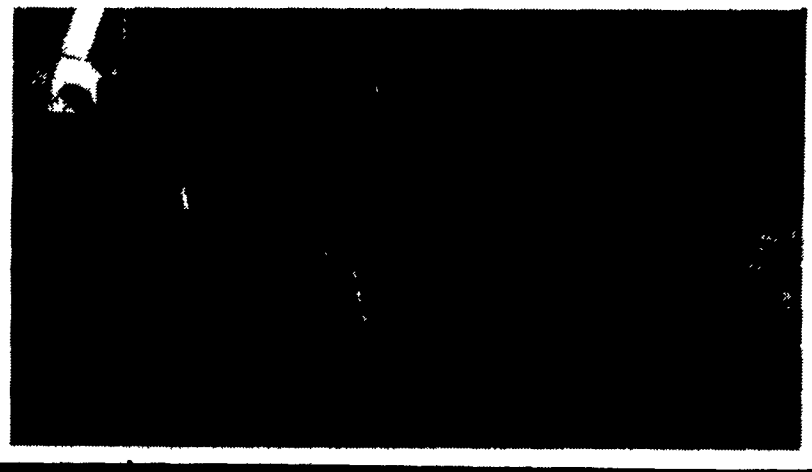

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Fetter Is Man Of Year

MANCHESTER, Mo. — Dick Fetter, Sr., Morral Chemical, Morral, Ohio, was named Man of the Year by the National Fertilizer Solutions Association (NFSA) at its annual convention in Kansas City, Mo.

The Man of the Year Award is the highest award presented annually to an individual from a NFSA member company who has made exceptional contributions to the fluid fertilizer industry.

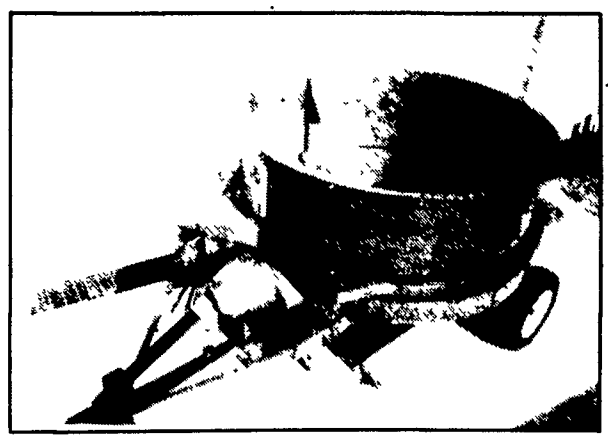
Fetter is an innovator in the fluid fertilizer industry. He began his career in the early 1950s by selling and applying nitrogen solutions. He also designed and built his own application equipment which soon became the standard for the industry. Morral Chemical Company was formed in 1963.

Fetter was selected by his colleagues on the basis of an impeccable reputation for old-fashioned integrity and competence, and a willingness to share ideas and resources. Fetter has served on the NFSA board of directors and numerous NFSA committees including the executive committee and long range planning.

TODD FARM EQUIPMENT

Helm Heavy Duty Tub Bale Shredder

Check Out The Low Price



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Chops & shreds bales up to 6' diameter of straw, corn stalks or hay with a minimum of horse power required.

For bedding - will discharge up to 25' out the side.

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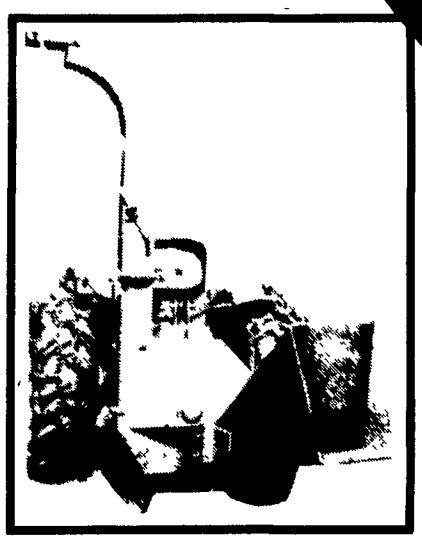
WOOD CHIPPER, PAPER SHREDDER



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3 PT - PTO OR ENGINE MODELS
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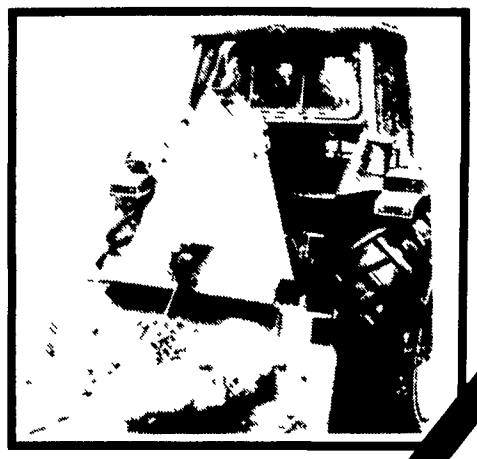

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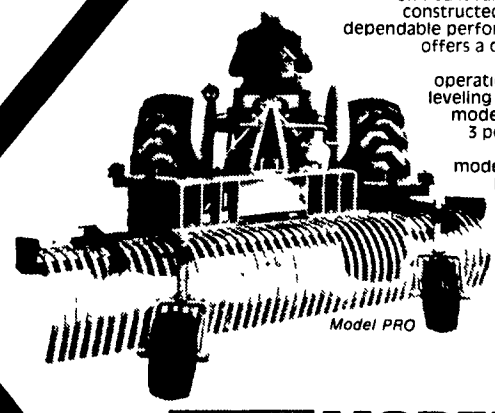
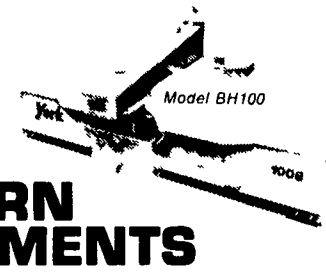
YORK built rakes and blades are designed and constructed for those tough jobs requiring dependable performance and handling ease YORK offers a complete line of implements for specific applications or multiple operations of soil-preparation grading leveling and finishing The efficient rake models are available in trailer type or 3 point hitch styles ranging in rake widths from 4 to 8 The blade models in 6 to 8 widths for category I & II 3 point hitches feature tilt offset and angling positions standard on most models

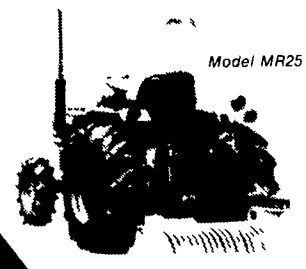


Model PRO



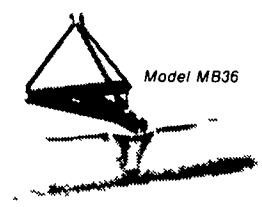
Model BH100

MODERN IMPLEMENTS



Model MR25

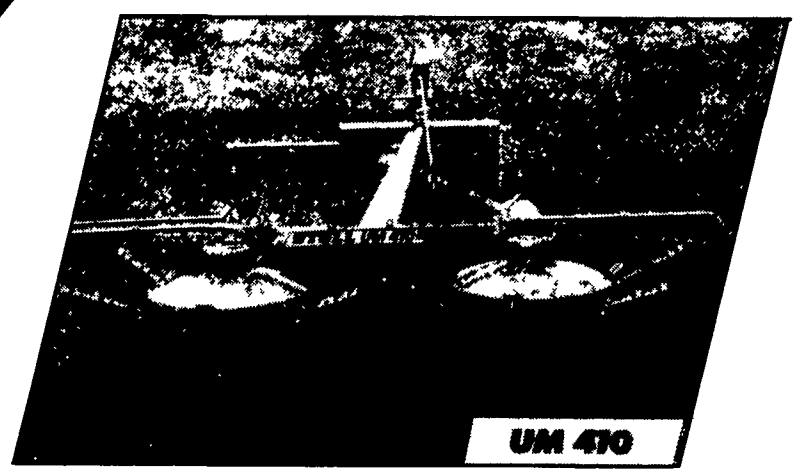
MODERN IMPLEMENTS offers a line of rakes and blades for light and medium duty maintenance and landscaping jobs These economical yet ruggedly constructed implements are designed for 3 point hitches on tractors up to 30 H P The versatile units are ideal for light and medium duty grounds maintenance and snow removal on apartment or commercial properties nurseries large homes and estates



Model MB36

STOLL

HAY MAKER RAKE TEDDER COMBINATION



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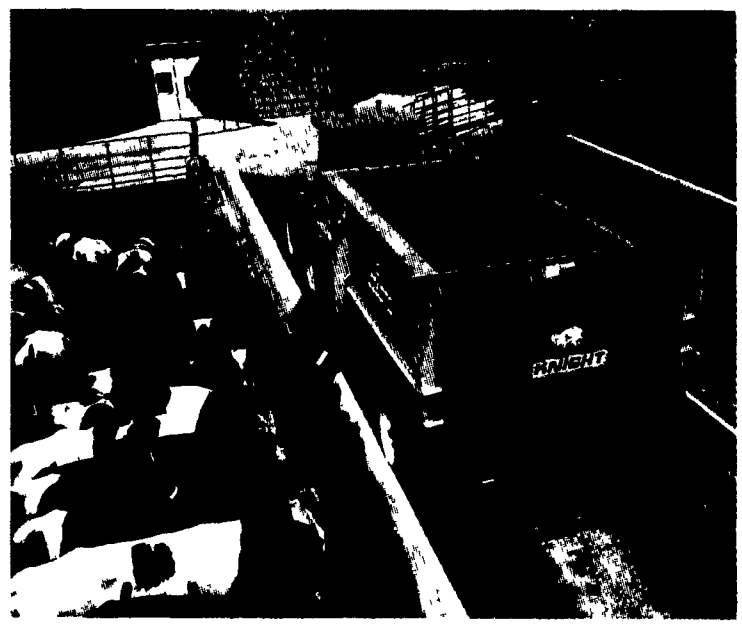

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Auger, Harrow For No-Till Drill

SHELBYVILLE, Ind. — Kasco's grain drill auger system provides a quick and easy way to fill the seed hopper on today's new generation no-till and minimum till grain drills.

By allowing farmers to save money by purchasing their seed in bulk and to save time and effort in loading the large hoppers, Kasco's grain drill auger system is the perfect companion to these new drills.

The grain drill auger system is constructed of 6" ABS tubing with brush flighting to lessen seed damage.

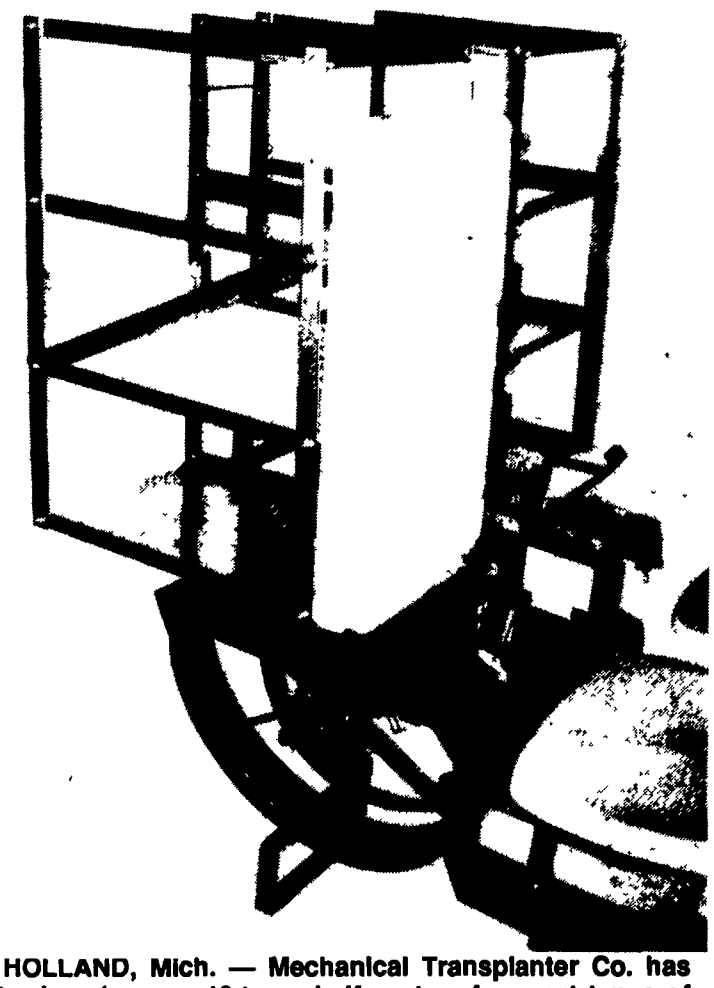
A horizontal auger installs across the top of the hopper and folds out of the way to allow opening and closing of the lids. The horizontal auger may be purchased by itself, if the farmer wants to use a truck or gravity bed auger to charge it. They may also add a Kasco vertical swing away auger to fill the cross auger. This vertical auger moves from working to transport position and allows the farmer to use any number of wagons and trucks to hold the seed, thus making it easier to change varieties of seed back and forth.

Both horizontal and vertical augers are powered by hydraulic motors which may be hooked together in series so one set of hydraulic outlets will run both augers. Hydraulic hoses are optional since there are several ways of plumbing to get hydraulic power.

Kasco's mounted coil tine harrow spreads and evenly scatters residue on no-till ground. This harrow covers seed more evenly for better and earlier germination. Our harrow offers maximum performance with a minimum investment.

Contact your nearest dealer or call Ron Reed, Kasco Rep., 717-532-8297 for further information.

10-Tray Shelf Available



HOLLAND, Mich. — Mechanical Transplanter Co. has introduced a new 10-tray shelf system for most types of plant trays, including the new floating styrofoam trays. This system allows for more tray storage on the transplanter for more efficiency. The new tray storage system can also be retrofitted to older model transplanters. The tray system mounts in place of the existing plant boxes. This system accommodates up to 10 trays per row. The tray shelf system can be purchased as a option on new machines or purchase separately for any existing transplanter.

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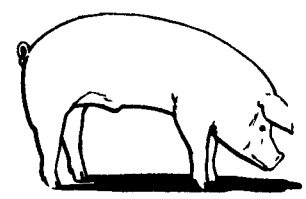
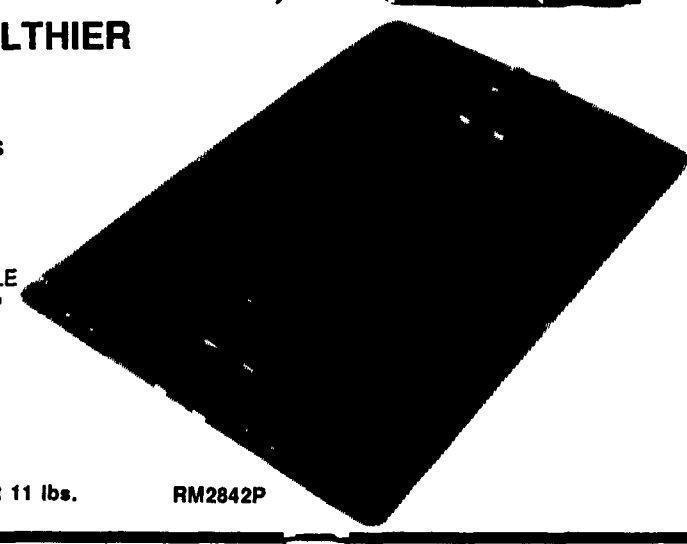


PIGS STAY WARM, DRY AND COMFORTABLE ON THIS BLACK RUBBER CREEP MAT. IT ABSORBS RADIANT HEAT WHILE BLOCKING DRAFTS THROUGH FLOORS AND PROVIDES INSULATION. ITS FLEXABILITY PREVENTS DAMAGE WHEN KICKED BY THE SOW, WHILE TAPS LOCK IT UNDER THE CREEP DIVIDER. THE INEXPENSIVE MAT CLEANS EASILY, YET THE SOFT, RIBBED SURFACE PROVIDES EXCELLENT TRACTION FOR BABY PIGS.



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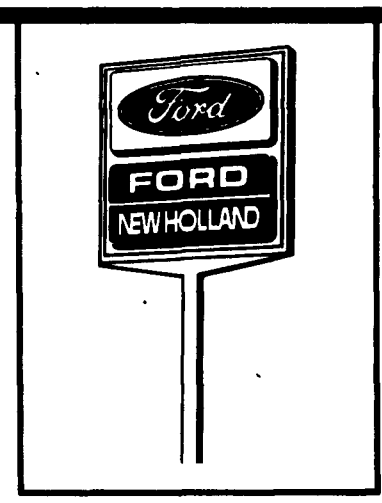

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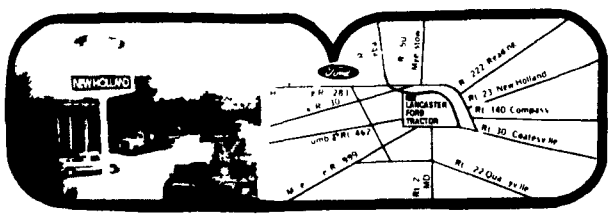

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Soil Acidity Steals Cropping Profits

NORTHBROOK, IL. — Soil acidity is a thief -- reducing the effectiveness of plant nutrients such as nitrogen, phosphorus and molybdenum by as much as 50 percent or more in extreme cases. "That makes fertilizer more expensive and cuts yield potential," says Dr. Regis Voss, extension soil fertility specialist at Iowa State University.

"In crop production systems, soil acidity is influenced by factors such as use of commercial fertilizers; crop removal of calcium, magnesium, potassium and sodium; leaching of nutrients caused by excessive rainfall; and decomposition of organic residues."

Soil acidity is at fault for reducing nutrient and water uptake, therefore slowing down plant growth. Fortunately, soil acidity can be corralled by following a sound liming program, one based on regular soil tests and known crop needs.

According to the Iowa agronomist, regular soil testing is important in keeping track of pH because soil acidity can develop quickly.

"Even though the top six inches of a field may show a pH above 6.0, the subsoil may be extremely acidic," he says. "When subsoil pH drops below 5.0, aluminum and manganese in the soil become much more soluble and may be toxic to plant growth."

As an industry standard, very strong soil acidity readings of pH 5.0 can reduce fertilizer efficiency by 53 percent. A pH rating of 5.5 reduces efficiency by 32 percent and medium levels of pH 6.0 reduce fertilizer benefits by 20 percent.

Corrective liming continues to be the foundation of a good soil fertility program.

Sam Kincheloe, Ph.D., director of agronomic services for IMC Fertilizer, says lime quality is measured by how effectively it neutralizes soil acidity, which is determined largely by its neutralizing value and size of particles.

"The neutralizing value of lime is expressed as equivalent calcium carbonate content," he says. "It is a measure of how much of the material can react with the soil to neutralize acidity under ideal conditions compared with pure calcium carbonate. Therefore limestone should have a neutralizing value of at least 90 percent."

Kincheloe advises growers to shop around for the best quality liming material. "Consider fineness of grind, neutralizing value and moisture content."

GATT Spells Milk Price Disaster

HARRISBURG (Dauphin Co.) — Pennsylvania Farmers Union (PFA) is concerned that GATT talks in Geneva are moving closer to an agreement on agriculture that will be harmful to all farmers.

GATT Director General Arthur Dunkel announced that he will present a "take it or leave it" final draft agreement even if negotiations have not finished.

This means that section 22 would be eliminated. Section 22 of the Agriculture Adjustment Act of 1933 limits imports of dairy, peanuts, sugar, and cotton which undermine the domestic price support programs for those commodities.

The U.S. "tariffication" proposal would convert those quotas to a much less effective system of tariffs which would be phased out in time. Dairy farmers can expect to see their prices drop to the current world market level of $6 to $7 per cwt.

The loss of Section 22, according to PFA, would devastate our domestic dairy industry and leave our nation at the mercy of foreign suppliers who produce under much lower sanitation standards, which is not acceptable to dairy farmers or consumers. And GATT was approved under "fast track," which means it can't be broken apart by sections — all or none of it has to be approved.

January 13 is the deadline for any input on the GATT agreement. It is slated to be implemented into law by Easter.

MILK AMERICA'S HEALTH KICK

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EMMAUS (Lehigh Co.) — You can control weeds with fewer chemicals! And you'll save $10, $20, or more per acre — without sacrificing yields.

That's the message farmers will get after reading the newest book from Rodale Institute, publisher of the award-winning "New Farm" magazine.

"Controlling Weeds With Fewer Chemicals" is a 144-page paperback chock-full of practical advice on whipping weeds with mechanical, biological, and cultural techniques.

Readers will learn how to:

- Cultivate and rotary hoe with pinpoint accuracy.
- Make use of nature's "herbicides" in cover crops.
- Establish weed-beating crop rotations.
- Determine when not to spray.
- Whip weeds with livestock and beneficial insects.
- And much more.

Like all "New Farm" books, "Controlling Weeds With Fewer Chemicals" features solid, farmer-to-farmer experience combined with the latest results of innovative land grant university research trials. There are special profiles of — and for — all types of farmers, from row crops and small grains to pastures, fruits and vegetables.

A special section on weed-control machinery helps farmers pick the right tool for the job.

Retail price of "Controlling Weeds With Fewer Chemicals" is $19.95.

To order, send a check or money order payable to "New Farm" Library, 222 Main St., Emmaus, PA 18098. Payment must accompany all orders.

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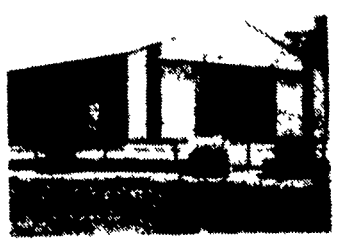

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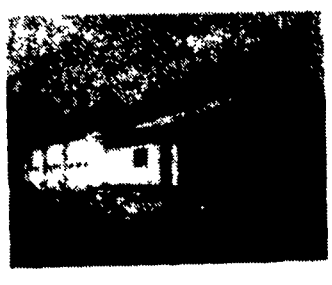

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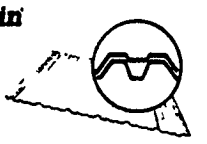

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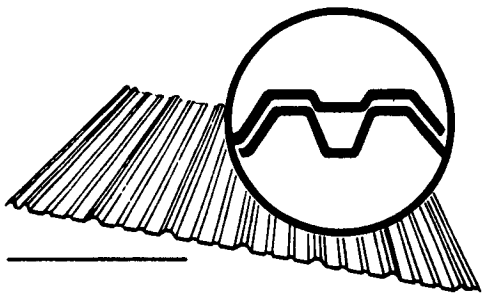

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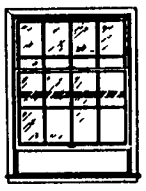

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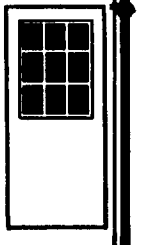

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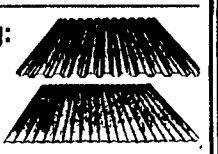

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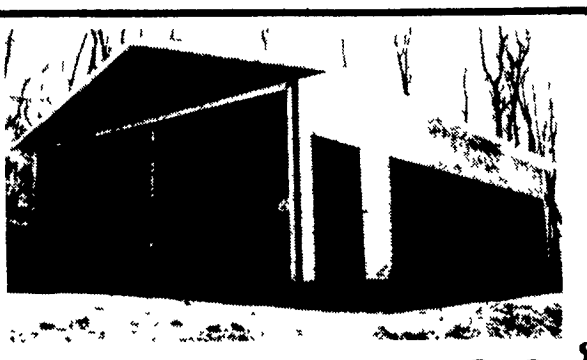

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Aluminum heat resistant (1200°)	
10 gal. min.	

Epoxy $10/Gal.
All Others $8.00/Gal.

717-394-4980 9:30 AM - 5 PM

FOR SALE: New light blue 29 gauge metal siding and roofing for 24'x24'x10' building. Also white trim 717-738-1259.

For Sale: 2x8 YP, TNG barn flooring, kiln dried, wil deliver to Lancaster area Enos King, Box 128, Rebersburg, PA 16872. answering service (814)231-6303.

75-2x10x12, 25-2x10x10, 50-2x8x12. All for $500. You pick up. 717/528-8831.

All steel buildings. Agricultural, commercial and industrial. Quality construction. Wilson Enterprises. Phone 717/656-4065.

ROOFING AND SIDING: Painted or mill finish galvalume and galvanized. 20 Year warranty on paint and steel. Delivered to your job in 3-7 days. Our service is good and our price is right. Gregory F. Bianchi 1-800-325-1247, 717/354-2728 New Holland, PA.

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Corrugated Steel Offers:

• Choice of Profile • 22 Colors •
• Mill Finished Galvanized Or Galvalume •
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20 Year Warranty On Paint and Steel

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• Choice of Profile • White Or Diamond
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Our Service Is Good, Our Price Is Right

Our Service Is Good, Our Price Is Right

Gregory F. Bianchi 1-800-325-1247 1-717-354-2728

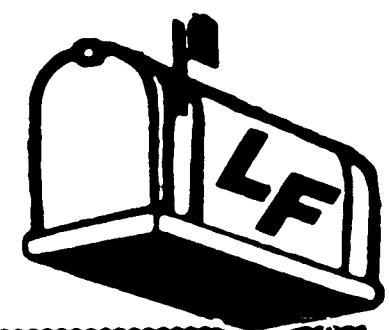
987 Valley View Rd., New Holland, PA 17557

CLASSIFIED AD ORDER BLANK

PLEASE WRITE CLEARLY

MAIL TO:
LANCASTER FARMING
P.O. Box 609, Ephrata, PA 17522

PLEASE CALL OUR CLASSIFIED AD DEPT. IF YOU WANT TO ADVERTISE A DISPLAY BOX IN OUR PAPER.



NOTE: Please do not use this form for Mail Box Market Ads, see instructions with Mailbox Markets.

Name _____

Address _____

City _____ State _____

Zip _____ Phone (___) _____

Please publish my____word ad____times starting with the_____issue. Classify under #_____. I enclose_____.

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This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

DEADLINES:
SECTION C - WEDNESDAY AT 5:00 P.M.
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OF EACH WEEK'S PUBLICATION

CLASSIFIED ADVERTISING RATES

34¢ per word per week - 1 or 2 times
28¢ per word per week - 3 or more times
11 word minimum

Words	1 Time	2 Times	3 Times
up to 11	3.74	7.48	9.24
12	4.08	8.16	10.08
13	4.42	8.84	10.92
14	4.76	9.52	11.76
15	5.10	10.20	12.60
16	5.44	10.88	13.44
17	5.78	11.56	14.28
18	6.12	12.24	15.12
19	6.46	12.92	15.96
20	6.80	13.60	16.80

Lancaster Farming
1 E. Main St.
Ephrata, Pa. 17522
717-394-3047
or Lititz
717-626-1164

PHONE HOURS:
Mon., Tues.,
Wed. & Fri.
8 a.m. to 5 p.m.
Thurs.
7 a.m. to 5 p.m.

OFFICE HOURS:
Mon. thru Fri.
8 a.m. to 5 p.m.

The following categories are available for your classified advertising. In Section E. Deadline- Thursday morning at 9 of each week's publication

1- Farm Equipment
1a- Construction Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders

The following categories are available in your classified advertising. In Section D. Deadline- Wednesday afternoon at 5 of each week's publication.

4- Building and Supplies
5- Grain Equipment
6- Dairy Equipment
7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq. & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
21- Services Offered
22- Custom Work
23- Help Wanted
24- Situations Wanted
25- Business Opportunities
26- Household
27- Pets
28- Lost
29- Found
30- Computers
31- Notice
32- Miscellaneous
33- Recreational Vehicles
34- Autos
35- Trucks & Trailers
36- Real Estate

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40

(Phone Numbers Count As One Word)

4 BUILDINGS AND SUPPLIES

Mt. Stone, excellent for bld and landscaping N16 3-8" thick, flat rock. 717-543-5416.

Paying Top Dollar for log dwellings, logsided outbuildings, Indian Doors, early exteriors, wide 10" or more old oak or pine flooring, fireplace mantels, summer kitchens, old house salvage, Call anytime 215-857-1309.

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Steel buildings. End of close out: 30x40, 40x60, 50x150. Must sell. Very limited offer. Call now. Hipple & Walker Constr. (215)948-5649.

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WE CUSTOM DESIGN SYSTEMS FOR YOU

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Barn Flooring, 2x8-T&G, yellow pine, any amount. Noah Shirk Sawmill. 717-354-0192.

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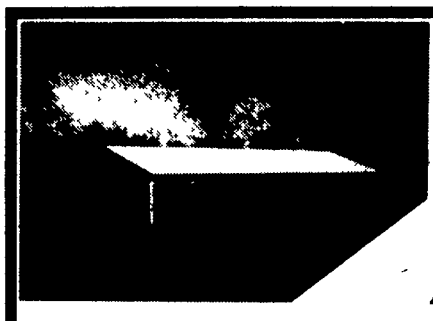
Tobacco shed, FREE for take away. (717)656-3780.

Used 10" blocks. 6128 Old Phila. Pike, Gap. (717)442-9727.

WANTED TO BUY: Old attic flooring and log houses. Lanc. Co. 717/626-4520.



We Specialize In Pole Barns

Equipment Sheds

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Garages

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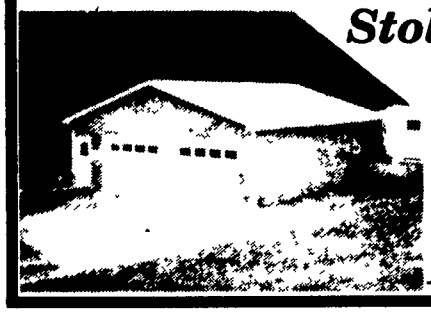

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Lititz, PA 17543
Free Estimates
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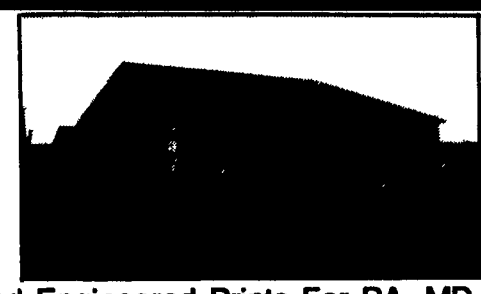
Conestoga Building Supply

POLE BARNS



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29 GAUGE
WHILE SUPPLY LASTS
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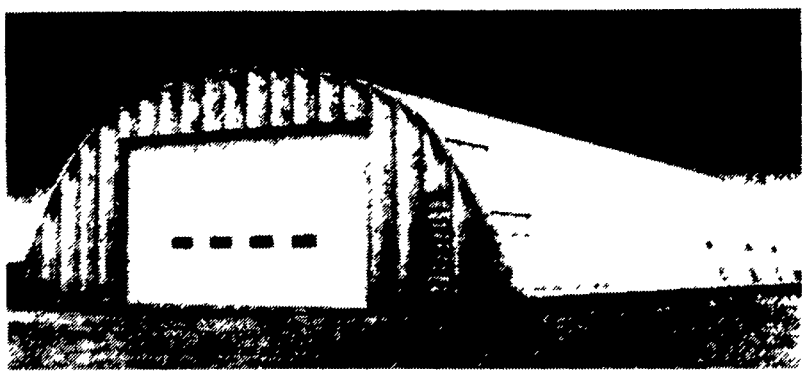
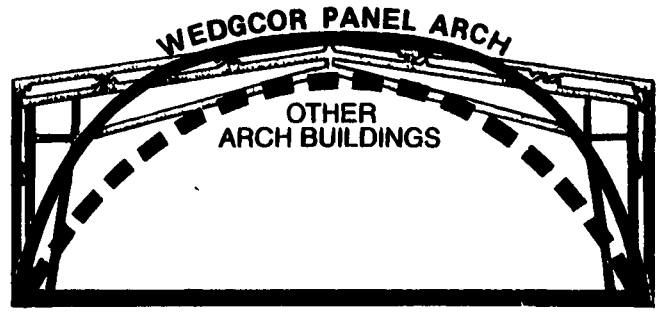
SPEEDWELL CONSTRUCTION, INC.



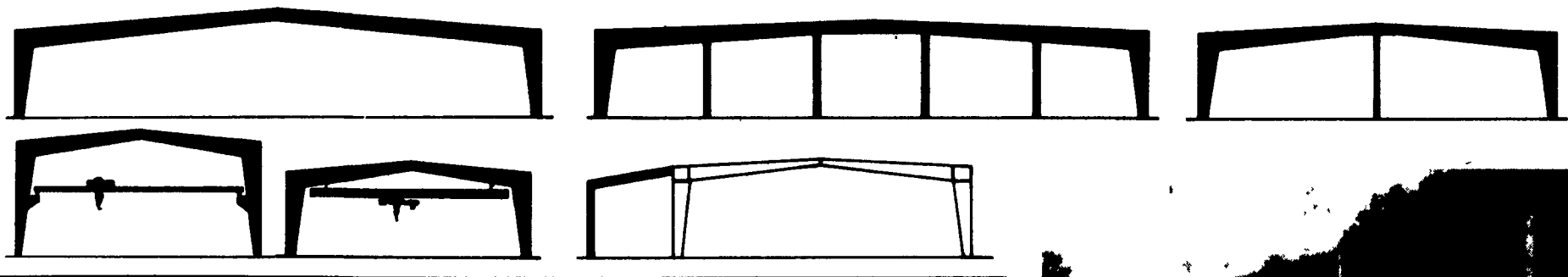
Compare The Advantages of WedgCor Modified PANEL ARCH BUILDING SYSTEMS!



Whether you are storing grain and equipment or sheltering livestock, the straighter-sidewall Modified Arch is perfect for the job. The clean open interiors allow for maximum unobstructed functional space. No matter what your requirements, the Modified Arch gives you more quality and more building for less money.

YOU'RE THE DESIGNER With WedgCor, Inc. Framing Designs

We Offer Quality And Versatility In Farm, Commercial, Industrial And Storage Facilities!



Speedwell Construction Inc.

GENERAL CONTRACTORS
451 SPEEDWELL FORGE RD.
LITITZ, PA 17543

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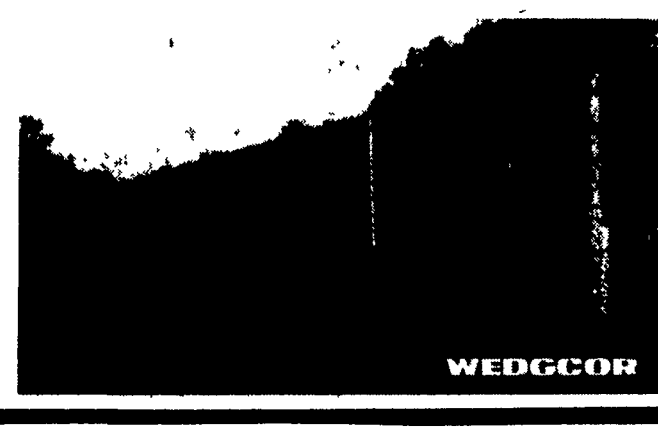
717-626-2052



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Masonary, restoration, specializing in restoring stone and brick houses and barns.
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New and Used Structural Sch 40 Pipe For Sale
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Wanted Used excellent 40'x70' or 40'x80' steel building NO RUST 215-944-9819.

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Groffdale Barns
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Approx. 1,000 Gallons of
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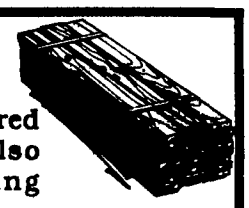
Kiln Dried Lumber



Poplar, ash, birch, red maple and oak. Also planing and ripping available.
Tongue and groove hardwood flooring and paneling available.
(2¼", 3", 4" & 5")
Marshall's Wood Products
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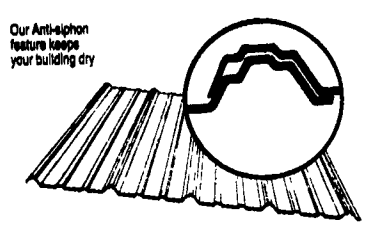
Steel Roofing and Siding

Imperial Rib



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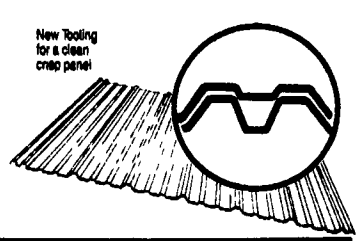
Ameri-Drain



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Our Serivce Is Good, Our Price Is Right

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Call Us Today For All Your Building Needs
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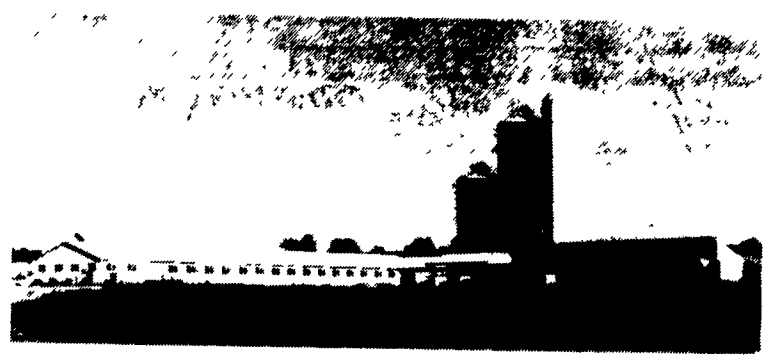

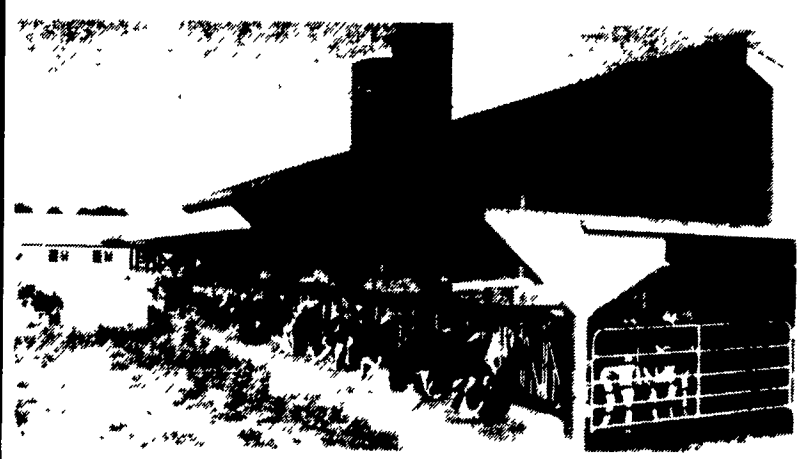

40'x200' Dairy Barn
128' Heifer and dry cow barn with pit and slatted floor.

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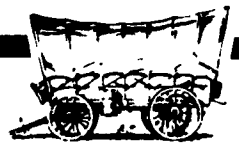
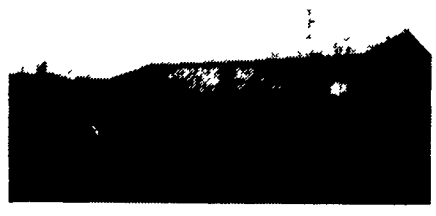


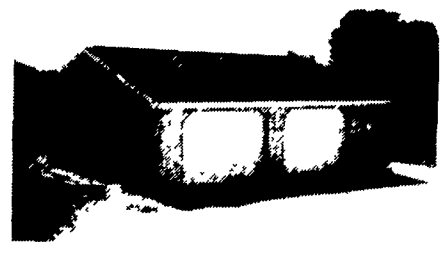
Conestoga Building Supply

POLE BUILDINGS AND SUPPLIES

* Agricultural



* Commercial



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ALUMAX BUILDING PRODUCTS
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POWERPANEL
AMERICAN BUILDING COMPONENTS
ideal roofing

Solid Vinyl Siding

PLYCO
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* Painted * Galvalume * Galvanized

* Complete Building Packages Available

* Sealed Engineered Prints For PA, MD, NJ, DE

* Professional Engineering To Help With ALL OF YOUR DESIGN NEEDS

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Galvanize, White & Brown Aluminum

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All Panels Cut To Length - Coverage 36" Width

We Also Stock The Following Items:

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- Agri Build Windows
- Roll Door Track
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STANDING SEAM ROOFING
Manufactured at the job site.

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STOCKADE BUILDINGS ARE THE INTELLIGENT ALTERNATIVE

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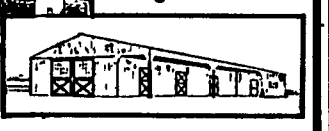

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- Framing Lumber And Trusses

PLYCO Doors

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- Painted 29 Ga. Steel By Alumax-PowerPanel And McElroy Metals!

POWERPANEL

McELROY METAL, INC.

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5 GRAIN EQUIPMENT

GSI Grain Bins Grain Dryers — MC Dryers — Sweet Elevators

Sones Grain Systems
Jim & John

Check Our Prices Before You Order
We Personally Install Everything We Sell
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Hutchinson Augers — Sukup Grain Handlers

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BETTER HEALTH AND PRODUCTION

With individual grain and silage feeders. Now available with 110 motor and timer. For 6 feedings per day instead of 4.

STOLTZFUS FEEDERS
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6 DAIRY EQUIPMENT

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OUR INTERNATIONAL CUSTOMERS CANCELLATIONS CAN BE YOUR GAIN, AT OUR COSTS.

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  Sug. Retail $120.00/Drum
  Your Cost $95.00/Drum
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  Sug. Retail $100.00/Drum
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  Your Cost $345.00

All Prices Picked Up At Our Warehouse
Phone Karl at Inagra
215/759-7071 Northampton Co.

OUR SPECIALITY IS SALES AND SERVICE OF NEW & USED BULK MILK TANKS

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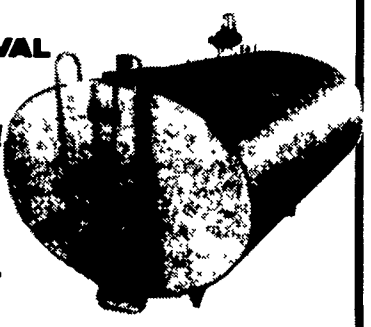

Featuring The DeLaval New Century 600-5,000 Gal.

We Will Service Any Make Bulk Tank

H.W. MARTIN REFRIGERATION SERVICE
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Phone: (717) 626-6355

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We Need Good Used Tanks
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All Tanks Guaranteed A-1 Working Condition

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- 250 Gal. DeLaval
- 300 Gal. Sunset
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- 400 Gal. Mojonnier
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- 400 Gal. Sunset
- 400 Gal. John Wood
- 415 Gal. Sunset
- 450 Gal. Dari-Kool Rd.
- (2) 5[SOLD, NC]rage
- 500 Gal. Sunset
- 500 Gal. DeLaval
- 500 Gal. Mueller "M"
- 500 Gal. Solar
- 600 Gal. Girton D4
- 600 Gal. Jamesway
- 600 Gal. Dari-Kool Recond.
- 600 Gal. Mueller "OH"
- 600 Gal. Mueller "O"
- 600 Gal. Mojonnier
- 600 Gal. Mueller "M"
- 600 Gal. Girton
- 6[SOLD, NC]e
- 625 Gal. DeLaval
- 650 Gal. Steinhorst
- 700 Gal. Mueller "M"
- 735 Gal. Sunset
- 800 Gal. Dari-Kool
- 800 Gal. Girton
- 800 Gal. Milkkeeper Storage
- 8[SOLD, NY]nier
- 800 Gal. Sunset
- 900 Gal. Mueller "OH"
- 1000 Gal. Mueller "OH"
- 1000 Gal. Girton
- 1000 Gal. Steinhorst
- 1000 Gal. Sunset
- 1250 Gal. Dari-Kool
- 1250 Gal. Surge
- 1500 Gal. Girton D5
- 1500 Gal. Mueller "OH"
- 1500 Gal. Mueller Storage
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- 3000 Gal. Girton, Nice
- 4000 Gal. Walker
- 4000 Gal. Dari-Kool Late Model, Nice
- 4000 Gal. Storage
- 5000 Gal. Dari-Kool, Recond.
- 5000 Gal. Storage

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400, 500, 600, 800 & 1000 Gal. (Storage Tanks)
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24 Hr. Service

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Pole Barn
30'x40'x10'
- 10'x12' Sliding Door
- 3'x6'8" Passage Door
- Galvanized Roof
- Brown Siding
- White or Brown Trim

$3259.96
+ Tax & Delivery

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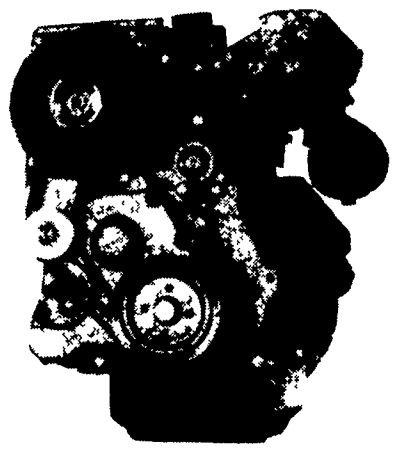

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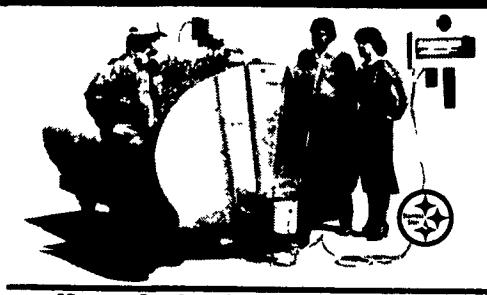

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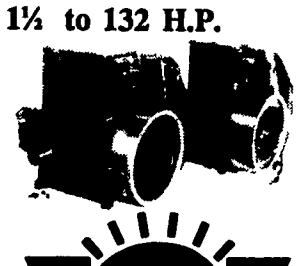

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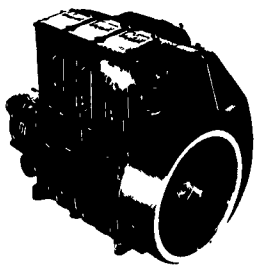

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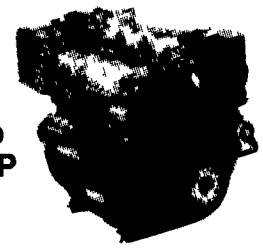

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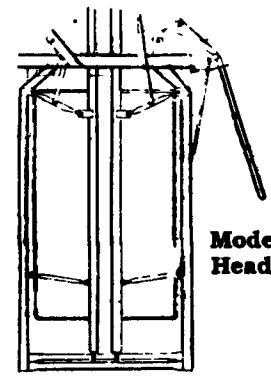
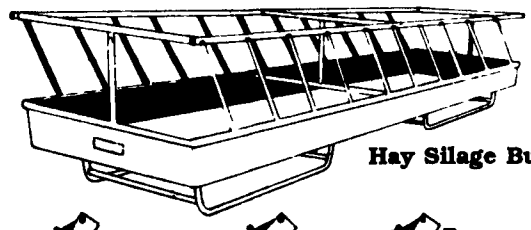


Model 100 Head Gate



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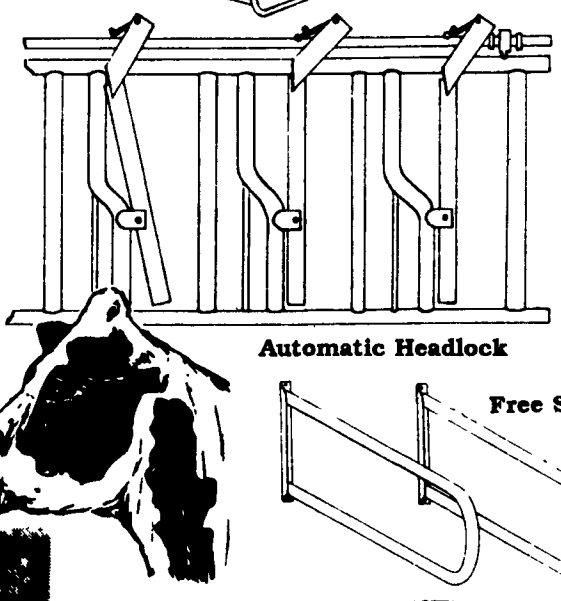

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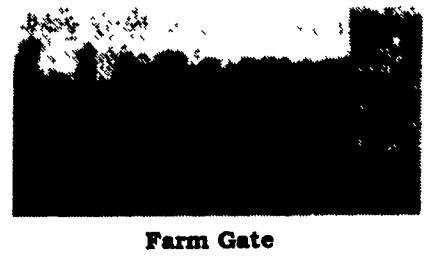
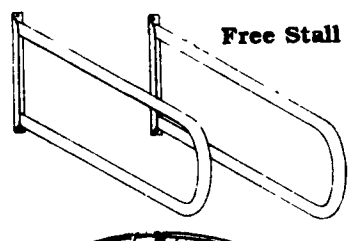


Farm Gate



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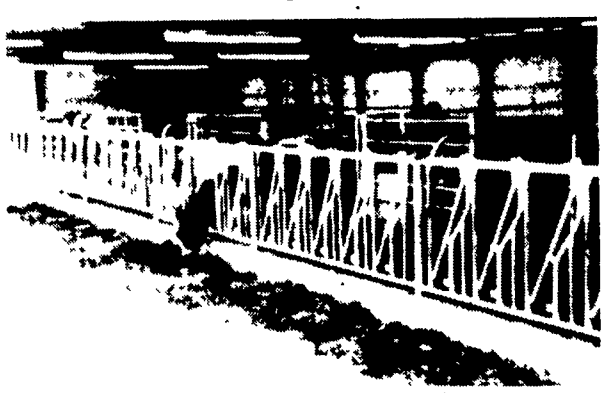

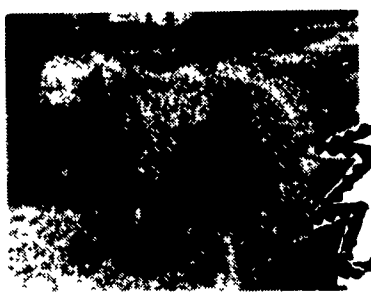

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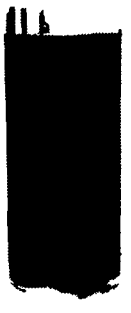

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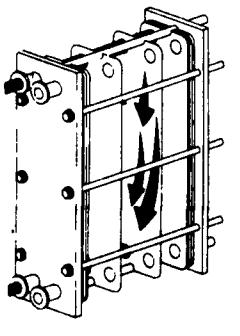

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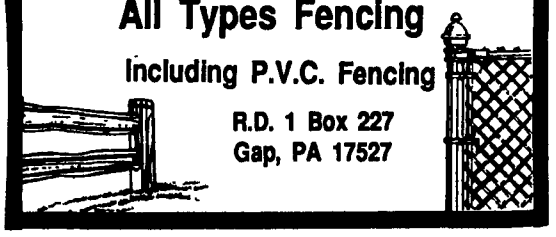

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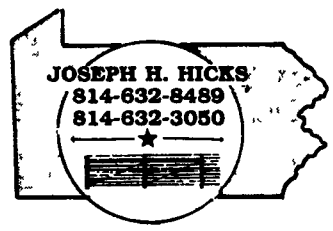

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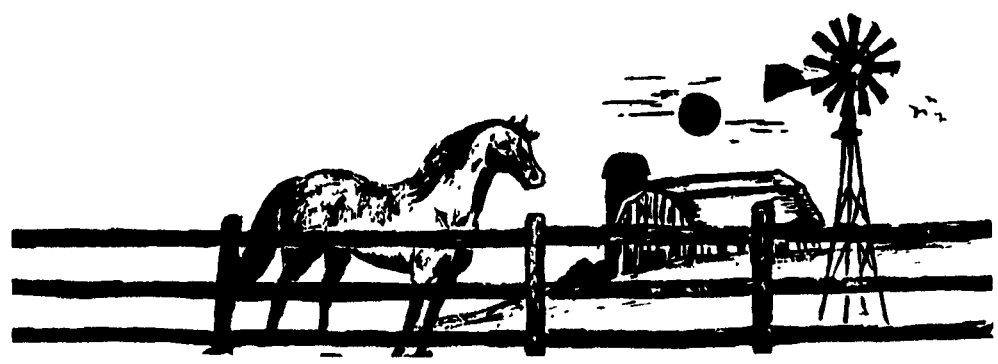

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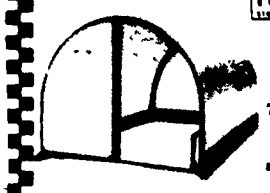

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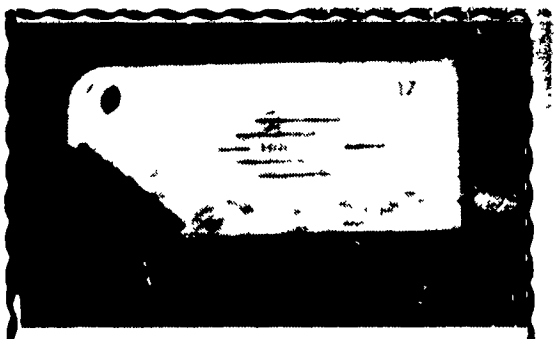

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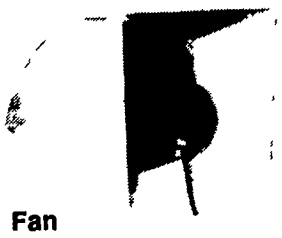

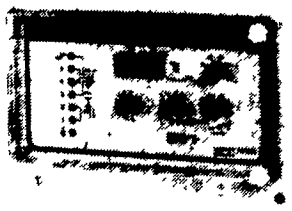

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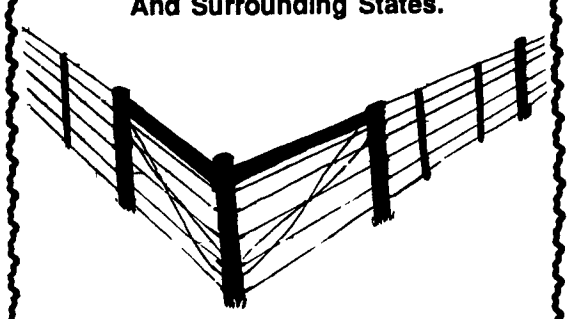

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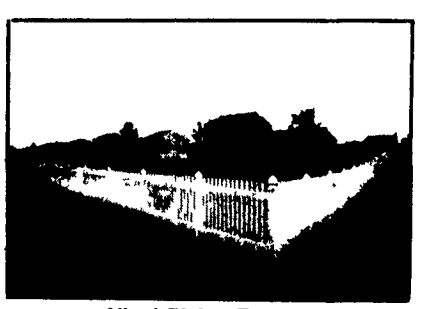

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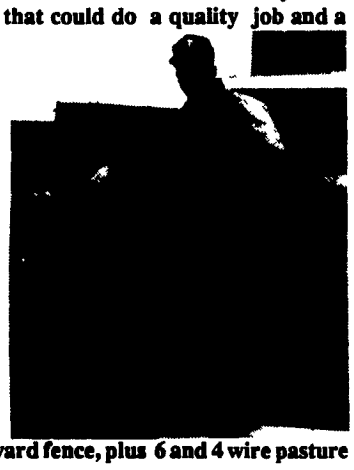

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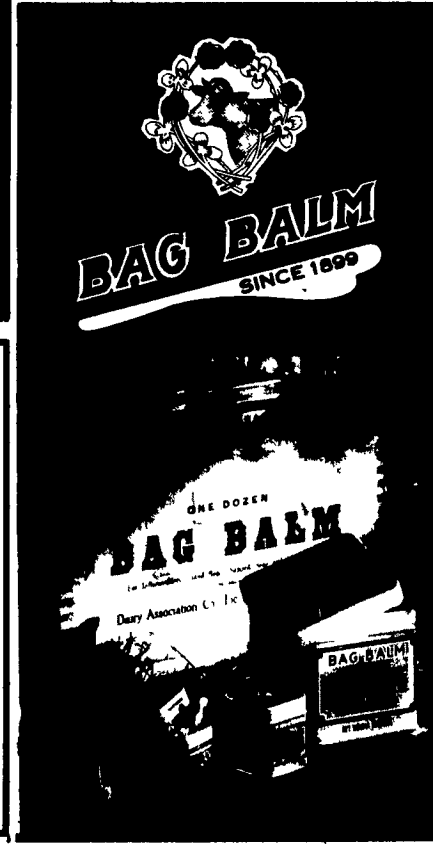

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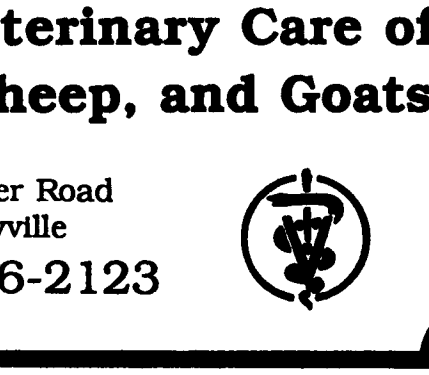

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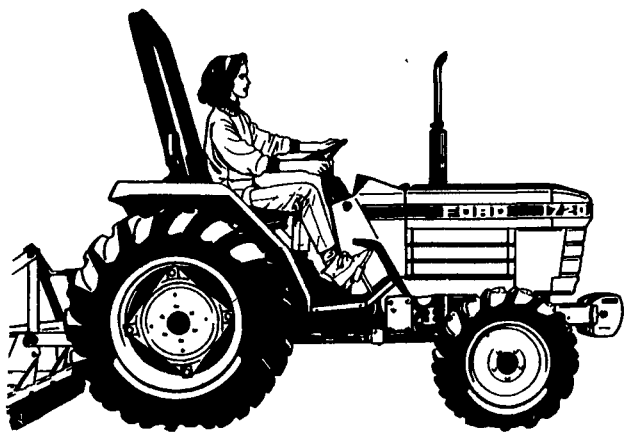

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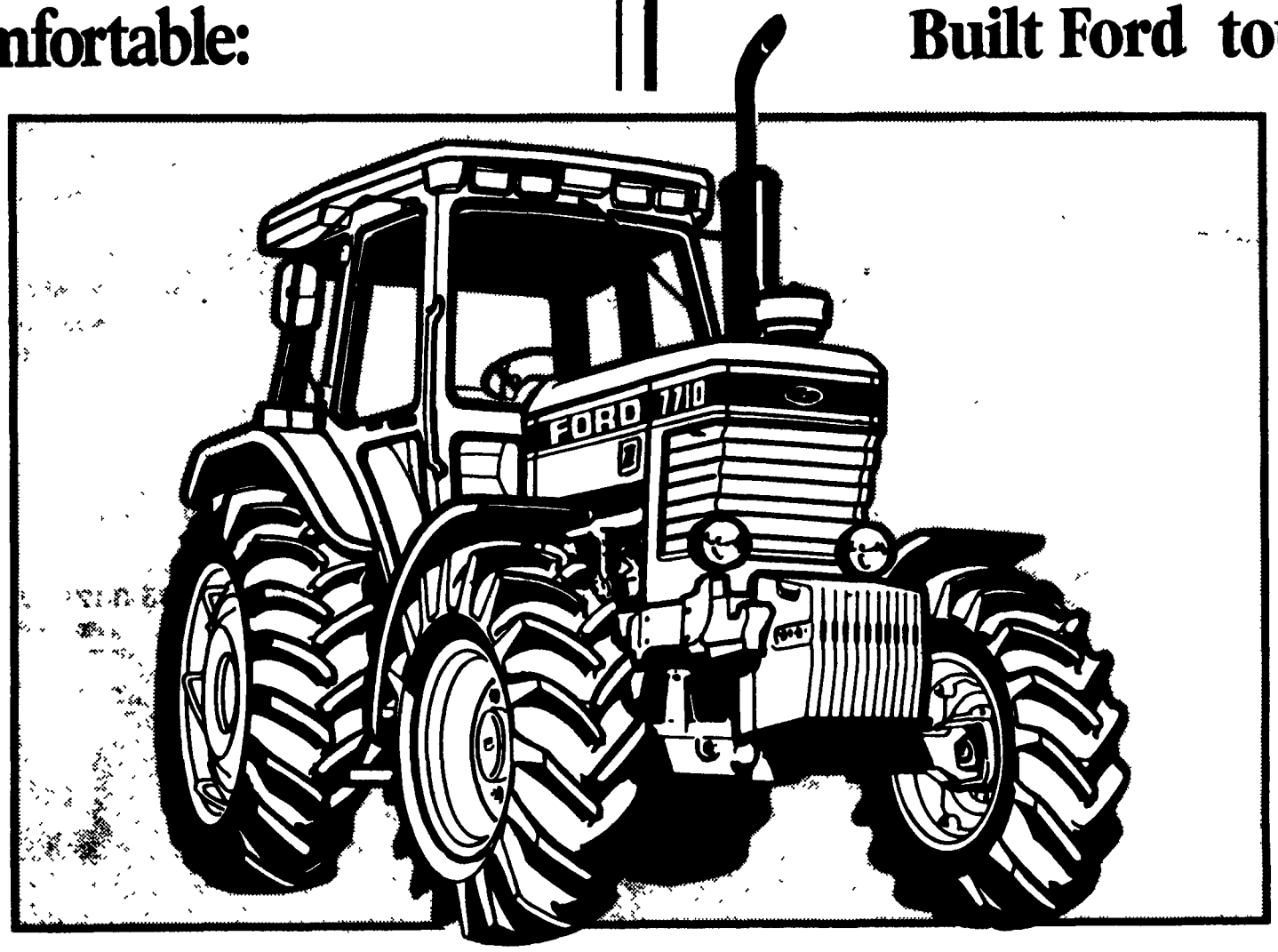

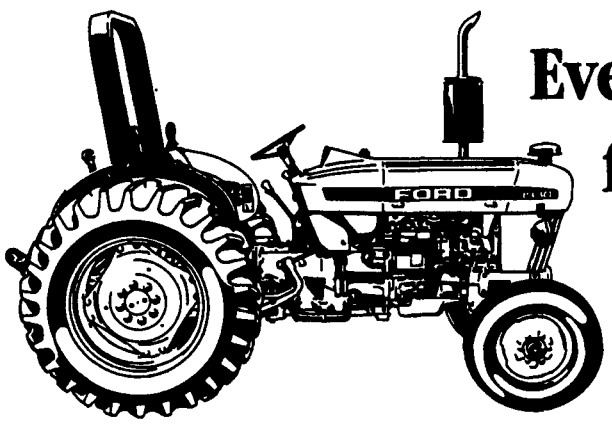

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Honey Grove, PA
NORMAN D. CLARK & SON, INC.
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Ivyland, PA
WM. HOBENSACK'S SONS
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215-343-2101
NJ PH:
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Lancaster, PA
LANCASTER FORD TRACTOR, INC.
717-569-7063

New Holland, PA
ABC GROFF, INC.
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Oley, PA
C.J. WONSIDLER BROS.
215-987-6221

Reynoldsville, PA
McGARVEY EQUIP. INC.
814-653-9637

Tamaqua, PA
CHARLES S. SNYDER, INC.
717-386-5945

West Grove, PA
S.G. LEWIS & SON, INC.
215-869-9440

MARYLAND

Churchville, MD
WALTER G. COALE, INC.
301-734-7722
301-879-1434

Frederick, MD
CERESVILLE FORD NEW HOLLAND INC.
301-662-4197
301-857-0711
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Hagerstown, MD
ANTIETAM FORD TRACTOR
301-791-1200

NEW JERSEY

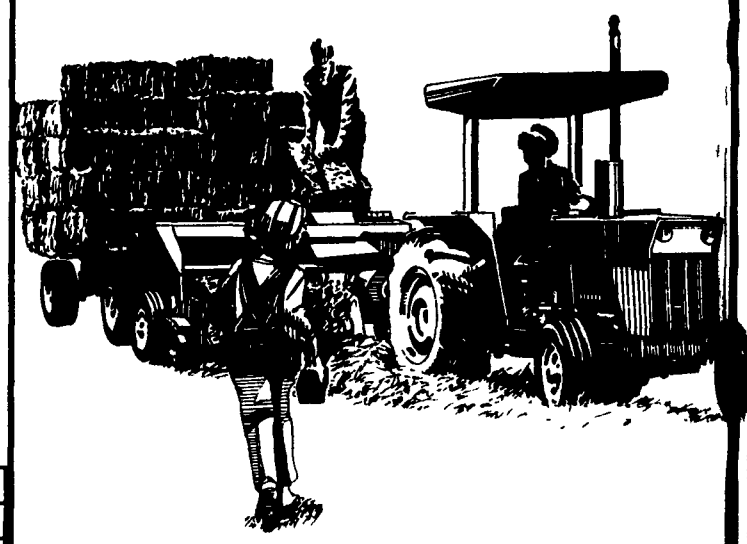
Andover, NJ
ANDOVER TRACTOR & EQUIP., INC.
201-786-5525

Bridgeton, NJ
LESLIE G. FOGG, INC.
609-451-2727

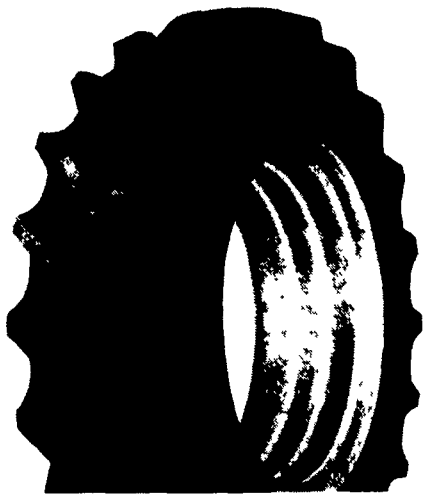
Washington, NJ
SMITH TRACTOR & EQUIPMENT, INC.
201-689-7900

WHATEVER YOUR TRACTOR

PUT OUR RADIALS TO THE TEST FOR 90 DAYS



Super Traction Radial

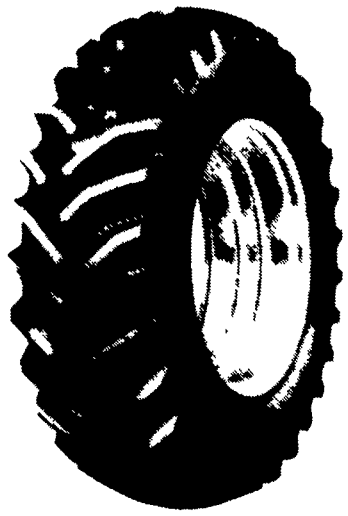


SUPER TRACTION RADIAL
NO RISK OFFER

Buy a pair of Super Traction radials now If, after 90 days from day of mounting, you are not completely satisfied with the performance of these tires, we will remove them and replace them with new Goodyear Dyna Torque bias ply tires of like size and ply rating and will credit you for the difference.

SIZE		PRICE
16.9R26	2*	$ 555.00
18.4R26	2*	$ 640.00
23.1R26	3*	$1280.00
28LR26	1*	$1315.00
16.9R28	2*	$ 550.00
16.9R30	2*	$ 590.00
18.4R38	00	$ 735.00
20.8R38	2*	$ 860.00
20.8R42	2*	$ 940.00

Dyna Torque Radial



DYNA TORQUE RADIAL
NO RISK OFFER

Buy a pair of Dyna Torque radials now. If, after 90 days from day of mounting, you are not completely satisfied with the performance of these tires, we will remove them and replace them with new Goodyear Dyna Torque bias ply tires of like size and ply rating and will credit you for the difference.

- Revolutionary three-lug/pitch design improves traction and ride.
- Computer-designed "natural" shape casing improves tire body life.
- Radial construction provides better traction, lower fuel and overall costs.

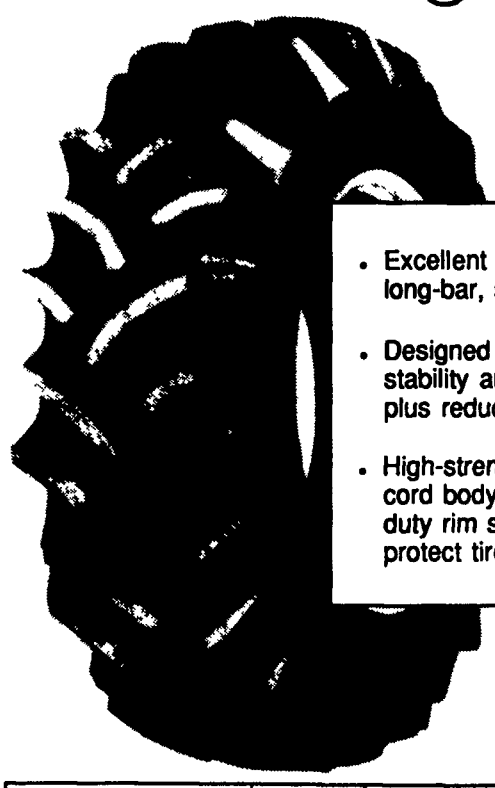
MECHANICAL FRONT WHEEL DRIVE

13.6R28	3*	$ 400.00
14.9R26	3*	$ 470.00
14.9R28	3*	$ 488.00
16.9R24	2*	$ 515.00
14.9R30	3*	$ 532.00
16.9R28	2*	$ 550.00
16.9R26	2*	$ 555.00
16.9R30	2*	$ 589.00
18.4R26	2*	$ 640.00
24.5R32	1*	$1090.00
30.5LR32	1*	$1280.00

OTHER SIZES AVAILABLE

15.5R38	1*	$ 450.00
18.4R34	1*	$ 520.00
14.9R34	3*	$ 525.00
18.4R38	1*	$ 535.00
16.9R38	1*	$ 570.00
18.4R42	2*	$ 675.00
20.8R38	1*	$ 715.00
14.9R46	3*	$ 730.00
20.8R34	1*	$ 855.00
20.8R42	2*	$ 940.00
18.4R46	3*	$1070.00

BIAS PLY REAR FARM DYNA TORQUE II

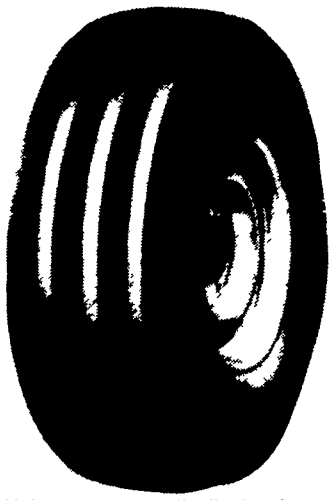


- Excellent traction with long-bar, short-bar lugs.
- Designed for improved stability and roadability, plus reduced vibration.
- High-strength polyester cord body and heavy-duty rim shield help protect tire from damage.

8.3-24	4	$ 95.00	16.9-34	6	$360.00
9.5-24	4	$130.00	18.4-34	6	$395.00
11.2-24	4	$140.00	12.4-38	6	$230.00
12.4-24	4	$180.00	13.6-38	6	$270.00
13.6-24	4	$235.00	15.5-38	6	$310.00
11.2-28	4	$170.00	16.9-38	6	$400.00
12.4-28	4	$190.00	18.4-38	6	$425.00
13.6-28	6	$230.00	20.8-38	8	$645.00
16.9-30	6	$310.00			

SAVE! SAVE! SAVE!

FOUR RIB



- Uniform pressure distribution forn on-road mobility important for higher horsepower tractors.
- Positive steering
- Bruise-resistant nylon cord

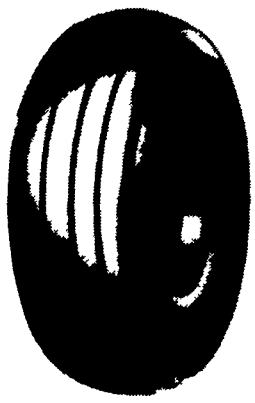
7.5L15	6	$ 52.00
9.5L15	6	$ 64.00
7.50-16	6	$ 59.00
9.5L15	8	$ 74.00
11L15	8	$ 83.00
10.00-16	6	$ 85.00
10.00-16	8	$ 88.00
11.00-16	8	$106.00

TRIPLE RIB

- Wide shoulder ribs and rugged rim shield.
- Durable 3-T nylon cord body and 3-rib design assure stamina and steering ability.

4.00-15	4	$29.00
5.00-15	4	$34.00
4.00-19	4	$35.00
5.50-16	6	$41.00
6.00-16	6	$44.00
6.50-16	6	$47.00
7.50-16	6	$60.00
7.50-18	6	$70.00

UTILITY TIRE

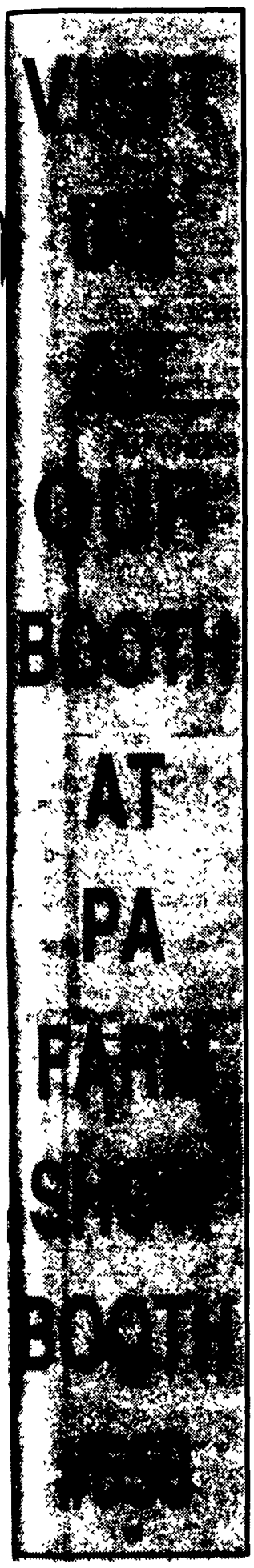


- High flotation
- Heavy load capacity
- Rugged 3-T cord body

4.00-9	4	$22.00
4.00-12	4	$25.00
5.00-15	4	$38.00
7.60-15	6	$38.00
9.5L-15	6	$43.00
9.5L-15	8	$46.00
11L-15	8	$45.00
12.5L-15	8	$61.00

The American Farmer & Goodyear
GOODYEAR
The Partnership Continues Growing

FIT IT WITH GOODYEAR



REAR FARM

Size	Ply	Price
11.2-24	6	$118.00
12.4-24	4	$146.00
12.4-24	4	$106.00
14.9-24	4	$188.00
16.9R-24	1*	$215.00
16.9-24	6	$227.00
30.5L-32	12	$835.00
16.9-34	8	$236.00
11.2-38	4	$173.00
13.6-38	6	$225.00
15.5R-38	1*	$215.00
18.4-38	6	$385.00
20.8R-38	8	$395.00
18.4R-42	2*	$275.00
20.8R-42	10	$380.00

LOADER-BACKHOE

Size	Ply	Price
11L-15	8 Ply	$ 81.00
11L-16	10 Ply	$ 92.00
14.9-24	8 Ply	$222.00
16.9-24	8 Ply	$292.00
18.4-24	12 Ply	$415.00

FRONT FARM

Size		Ply	Price
4.00-15	3 Rib	4	$ 22.00
7.5L15	3 Rib	6	$ 45.00
9.5L15	3 Rib	8	$ 62.00
5.80-16	3 Rib	4	$ 32.00
6.50-16	3 Rib	6	$ 41.00
10.00-16	3 Rib	10	$106.00
4.00-19	3 Rib	4	$ 27.00
11L15	4 Rib	8	$ 74.00
10.00-16	4 Rib	8	$ 75.00

FARM UTILITY

Size	Ply	Price
9.00-10	4	$ 31.25
9.5L-14	8	$ 46.00
9.5L15	8	$ 45.00
11L15	6	$ 31.00
6.00-16	4	$ 30.00
6.00-16	6	$ 33.00
7.60-16	6	$ 25.00
12.5L-16	14	$ 77.00
14L16.1	12	$142.00
4.00-18	4	$ 25.00

ATTENTION:
LIGHT TRUCK, VAN & 4X4 OWNERS

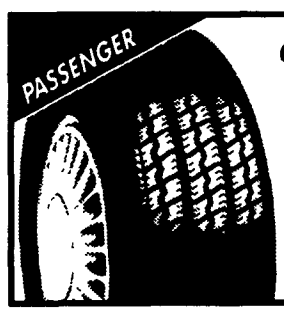
P-METRIC WRANGLER

Size	Sidewall	PRICE
P205/75R14	OWL	$91.75
P195/75R15	OWL	$94.50
P205/75R15	OWL	$96.00
P215/75R15	OWL	$97.50
P225/75R15	OWL	$98.00
P235/75R15	OWL	$99.00

WRANGLER AT

P235.75R15 X2	OWL	$ 94.75
LT 225/75R16	Blk 6 Ply	$119.00
LT225/75R16	Blk 8 Ply	$125.00
LT215/85R16	Blk 8 Ply	$122.00
LT235/85R16	Blk 8 Ply	$125.00 .53 FET
LT245/75R16	Blk 10 Ply	$138.00 .92 FET

GOODYEAR VALUE ROLLS ON & ON



GOODYEAR INVICTA GL
Free Treadlife Warranty
Free "Quality Plus" Warranty
$41.50
P155/80R13
Whitewall
No Trade Needed

WHITEWALL SERRATED LETTER SIZE	PRICE No Trade Needed
P165/80R13	$49.00
P185/70R14	$60.55
P185/75R14	$58.75
P205/70R14	$67.25
P225/75R15	$75.75

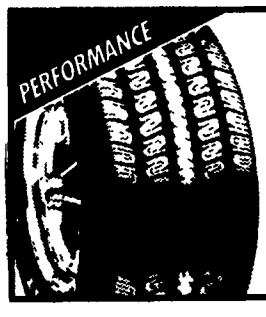
Other sizes available

23"

GOODYEAR TIEMPO
Free Treadlife Warranty
$44.80
P165/80R13
Whitewall
No Trade Needed

WHITEWALL SIZE	PRICE No Trade Needed
P175/80R13	$47.25
P185/75R14	$53.75
P195/75R14	$56.65
P205/75R14	$59.60
P235/75R15	$73.25

Other sizes available



GOODYEAR EAGLE ST
Free "Quality Plus" Warranty
$76.30
P195/70R14
Raised White Letter
No Trade Needed

RAISED WHITE LETTER SIZE	PRICE No Trade Needed
P250/70R14	$80.30
P215/65R15	$86.25
P215/60R14	$83.75
P195/60R15	$91.25
P255/60R15	$97.35

+ Blackwall
Other sizes available

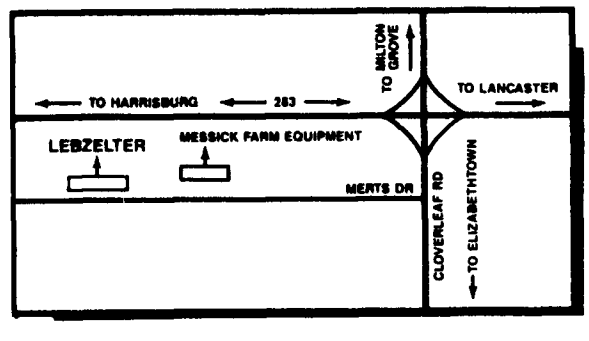
P. Lebzelter & Son

Rt. 283 & Rheems Exit (Located Behind Messick Farm Equipment)
Elizabethtown, PA
367-6777 - 653-0377 1-800-932-3999 (PA & MD.)

GOODYEAR
GOLD STAR PIT STOP
ON-FARM TIRE SERVICE
We'll fix it in the field! Just give us a call for tire repair or replacement.

LEBZELTER SERVES YOU ON THE FARM IN THE FOLLOWING COUNTIES

- ADAMS
- BERKS
- CHESTER
- CUMBERLAND
- DAUPHIN
- HUNTINGDON
- JUNIATA
- LANCASTER
- LEBANON
- MIFFLIN
- PERRY
- SNYDER
- YORK
- HARFORD (MD)
- CECIL (MD)



9 HORSES & MULES

12 year old AQHA gelding, 16.1, hunter, excellent over fences, very good temperment, no vices, $2,200. After 4 pm, (717)627-1806.

Five horses for sale, all for 1 money. 3 Quarter horses, 2 Arabians w/papers, $2,500. Owner moving. (215)926-3756.

MINIATURE DONKEY TALK. A delightful 72+ page bimonthly magazine about a unique high income producing pet. You'll love it! Free informational and national breeders directory booklet with each new subscription. $25 Year First Class Main, $17.50 Bulk Mail, 1338 Highes Shop Road, Westminster, MD 21158. Sample $4.

Morgan Horses -Trained mares bred to 15.3 black stallion Good producers, from $1500. Lovely black filly. Young geldings, 15.2 hands. Flyhawk Jubilee King breeding. Weanling colt $650. Indiana County. 412-639-9228.

Saddlebred 8 year old mare. Needs attention. Traffic safe and sound. Call Monday thru Friday. Ask for Johnny Glick 717/354-9760.

Spotted Walking horses for trail and pleasure riding. Also several solid colored geldings. SPOTTED FEVER FARM 717-582-7831.

Tenn. Walkers, smooth and gentle. Large selection. Will trade, finance, and barter for material goods. Call now. (717)225-4811.

Medleys Mules from Tenn. Acclimated and shipped mules. Located Kauffman's Beaver Dam Rd. Honeybrook, PA

MORITZ & MONARCH HORSE & STOCK TRAILERS
MORITZ TRAILER SALES
Frank Pierce
RD 1 - Box 360
Newmanstown,
(Schaefferstown)
PA 17073
(717) 949-3246

11 SWINE

Lage Comfort Stall

Improve your sow's farrowing condition. Gravity flush pans, farrowing crates and nursery pens.

Lage Products Co. of Montezuma, IA Distributor of the Lage Line in PA, NY, NJ, DE, MD, VA

Reinecker Ag Products
7270 Old Harrisburg Road
York Springs, PA 17372
(717) 528-8428

PENNSYLVANIA ALL BREED BRED GILT SALE

Farm Show Bldg.- Harrisburg, Pa.
Small Arena
Sale Arena Phone (717) 787-4160

Catalogues Available At Farm Show Or By Request Only From Harry Bachman 138 College Ave. Annville, Pa. 17003

SALE SCHEDULE
SATURDAY, JANUARY 11, 1992
Starting Order At 10 AM
Duroc, Hampshire, Landrace, Yorkshire, Spotted, Poland, Chester White, Berkshires

Show Friday, January 10 - 9:00 A.M.

SHOULD BE REMOVED FOLLOWING SALE WHEN SETTLEMENT MADE

Auctioneer
HARRY BACHMAN
138 College Ave.,
Annville, PA 17003
Tel. 717-867-1809

PA CO-OP SWINE BREEDERS ASSN.

11 SWINE

ARNOLD HOG FARMS

Private Sale - Service Boars Backfat Figures Bred Gilts Due Feb-March.

Consigning To Pa. Farm Show. Yorkshire & Duroc Bred Gilts. Yorkshires Carring Service To "CITATION" $2800 K.I.L.E. Champion Boar. These Sell Saturday, Jan. 11, 1992. Catalogue Call (717) 867-1809.

76th Hog Sale, February 8, 1992
60 Bred Gilts - 40 Tested Boars - 50 Open Gilts

Yorkshires-Landrace
Leon L. Arnold
355 Schaeffer Rd.
Lebanon, PA 17042
717-273-5880

Hampshire-Durocs
Lawrence Arnold
R.D. 1, Box 309
Womelsdorf, PA 19567
717-933-8153

Free daily delivery to Pa. Farm Show.
Free delivery to Rochester, N.Y. January 25, 1992.

Duroc, Yorkshire, Spotted, Chester White & Landrace Boars, Open Gilts and Bred Gilts. Calvin Lazarus and Sons, 4290 Bridge Street, Whitehall, PA 18052. 215-799-3375 or 3831.

FOR SALE-Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921.

Registered Hampshire and Duroc Boars, $250. Four Oaks Farm 717/528-8831.

Yorkshire and Hampshire boars from healthy productive herd. Delivery available. Charles B. and Mark W. Hall, RD 1, Box 263, Julian, PA 16844. 814-355-1647.

Yorkshire, Hampshire and Crossbred Bred Gilts. Also service age boars. Validated herd. Delivery available. Donna Strawbridge 717/246-2732.

Thames Bend Penn

Jay Horst
1950 South 5th Ave.
Lebanon, PA 17042
717-274-6640

Ken Rice
300 Obie Rd.
Lebanon, PA 17042
717-949-2359

YORKSHIRE, HAMPSHIRE, DUROC, LANDRACE & HYBRID BREEDING STOCK
CANADA'S LARGEST PUREBRED ROP TESTING HERD

CLARK FARMS

We will be consigning 7 Hampshire and 7 Yorkshire bred gilts to the 1992 Farm Show. The Hampshire gilts will be bred to either the champion or reserve champion Hampshire boars we exhibited at K.I.L.E. The York gilts will be bred mostly to Swedish large white boars or Crank High Sons. Also boars and bred gilts for sale privately at the farm. Guaranteed and free delivery. For any further information or questions, please call us collect.
(717) 987-3273 (3272)

The Pig Of Tomorrow At Our Place Today!

40 years of Tested Genetics

RPM FARMS

Landrace
Duroc
Yorkshires
Large Whites
F1 Crossbreds

BRED GILTS - OPEN GILTS - BOARS
Write Or Phone For Your Needs.
Certified Brucellosis and Pseudorabies Free Herd

Reno Thomas (717) 658-5821 | Park Thomas (717) 658-6544 | Mark Stehr (717) 658-7007
RD #1, Box 220 - Beavertown, PA 17813

SELLING AT THE 1992 PA. FARM SHOW:

* 12 Registered Duroc Bred Gilts backed by **65 YEARS** of continuous breeding and selection for **PROBLEM FREE, GROWTHY, PROFIT GENERATING DUROCS.**
* Also selling a super modern, lean HAMPSHIRE Bred Gilt
* Bred Gilt Show Starts at 9 A.M., Friday, January 10, 1992. Sale will be held at 10 A.M., Saturday, January 11, 1992.

For pedigree and breeding information on Farm Show entries contact:

MAHONING CREEK FARMS

Clyde W. McConaughey & Family
R.D. #1 Box 133
Smicksburg, PA 16256
Phone: (412) 286-9671

All gilts vaccinated for 6-way Lepto & Parvo and sell with 30 day Blood Test for PRV & Brucellosis.

Bred & Open Gilts & Breeding Age Boars always available on the farm.

HARPER'S VALLEY FARM

Home of the Great White Breed Purebred Landrace and Duroc & Crossbreeds
"Hogs do not have to be removed sale night"

Breeding Swine Sale

80 Head Of High Quality Breeding Stock
40 Bred Gilts - 30 Open Gilts - 10 Boars

Saturday, January 18, 1992

1:30 P.M. Day Sale - Delivery Available
"Sale Catalogs Available"

40 Bred Gilts Pure Landrace + York Landrace Cross, Duroc + Hamp Cross Duroc + Landrace Cross Hamp + Landrace Cross Bred to Superior York, Landrace, And Hampshire Boars, All Gilts Are Bred To Test Station Boars
30 Open Gilts Pure Landrace, + Land + Hamp York + Duroc + Hamp Cross + Duroc + Land Cross (15 Ready To Breed 15 At 200 Lb. +)
10 Boars Ready For Service Pure Landrace + York + Landrace Cross
*** Scanning Report Boars and Gilts On 10/19/91 Sale
Average On 30 Head AV 250 Weight, Loineye 5.87 B.F. 89

Pseudorabies Free Herd #58, Validated Herd #92. Health Charts on all animals to go anyplace U.S.A. Sale to be held at the farm, rain or shine.
Please Check What Your State Requires!

Farm Directions: 20 miles east of Harrisburg, I-81 exit 29E. Go ½ mile south of I-81 on Route 934 or 6 miles north of Annville on Route 934, Harpers, Pa.

Special Mention: We Feel We Have A Good Set Of Top Quality Breeding Hogs - Ready To Go To Work For You

"All Bred Gilts Bred To Superior Yorkshire, Landrace Boars"
"Excellent Breeding Stock" should be seen to be appreciated!

Bryan L. Blatt
RD 2, Box 513, Annville, Pa. 17003
Phone: 717-865-4842
Phone 717-865-0412

Sale Held Rain or Shine

Enclosed Facilities

AUCTIONEER: Harry H. Bachman AU-000-33-L
Ph. 717-867-1809

11 SWINE

Bennecoff Hogs, Hampshire, Berkshire, Poland China boars service age and gilts (215)285-6582.

Bred gilts from productive blood lines. Due in Jan. and Feb. (717)665-5772.

Chester Whites, Duroc and Spotted boars and gilts. Backfat figures and days to 230#. James Parlett, RD #2, Airville, PA, 17302. (717)862-3610.

Yorkshire and Hampshire Boars
Sean Information
Joel & Jeff Stern
RD #2 Box 366
East Berlin, PA 17316
717-292-4634
717-292-1539
Delivery Available

DUROC & HAMPSHIRE BOARS & GILTS
Also Commercial Whiteline Gilts
Tori-J Farm
612 Route 194 North
Abbottstown, PA 17301
717-259-7644
Delivery Available

Quality FEEDER PIGS For Sale From Pseudorabies Free Herds
Fred Patterson
615-364-7050

HOSTETTER PORK

Wanted To Buy Crippled and Injured Sows, Boars and Hogs
Hogs Slaughtered For Federal Inspection
PHONE 717-274-7609

BEWARE OF BRED GILT

1992 PA Farm Show Blue Chip Entry 10-5
"Putting It All Together"
Conformation, Scale, Pedigree, Proven Genetics!

SIRE: DCH LEGACY
(Bred & Raised This Boar Standing At Stoney Creek Farms, Ind.)

DAM: MOVIN' ON'S LITTERMATE
(Movin'on - Sold For $5,800 To Swine Genetics, Inc. Iowa After Going Res. Grand At Southeast Duroc Congress!)

NOTICE: LITTERMATE TO GILT WAS 1ST PLACE BOAR, 91' NATIONAL BARROW SHOW SOLD $7,750.00 TO MEXICO!!

NOTICE: Full Sister To Dam Of Gilt Was '91 PA Farm Show, Record Selling At $2,250.00!

NOTICE: Bloodlines Represented In This Gilt: Progeny II, Mango, Strongbox, Reo, Mangus, Watermelon, Red Wine, Tool Box, Red Bone, Truck, Epar

SERVICE SIRE

GAMBLER Freeway x Mechanic
Looking 2 years for this guy - found him at the 1991 World Pork Expo - an excellent combination of leanness, width of body, rib shape and soundness! He has 100% of our faith!

HOLLOWAY DUROCS

RR2 Box 323 A-1
Glen Rock, PA 17327
717-235-6966

Prv. & Bruc. Free Herd
Testing Monthly

13 HOG EQUIPMENT & SUPPLIES

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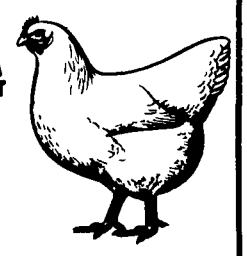

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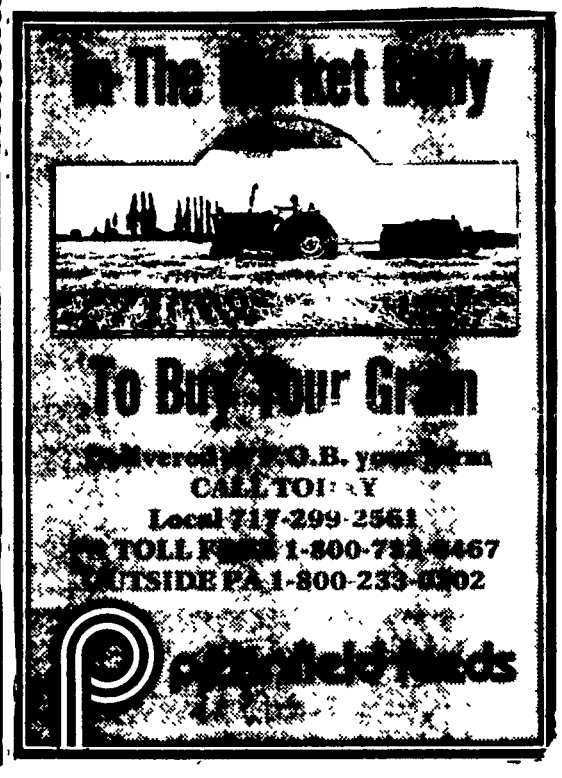

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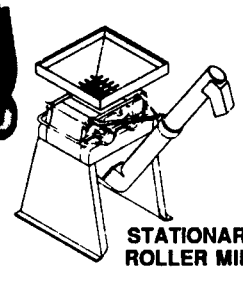
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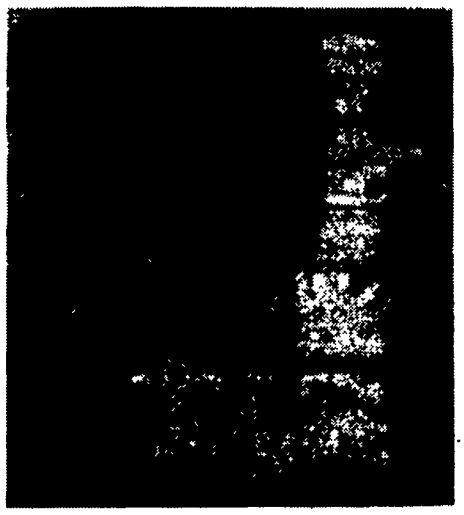
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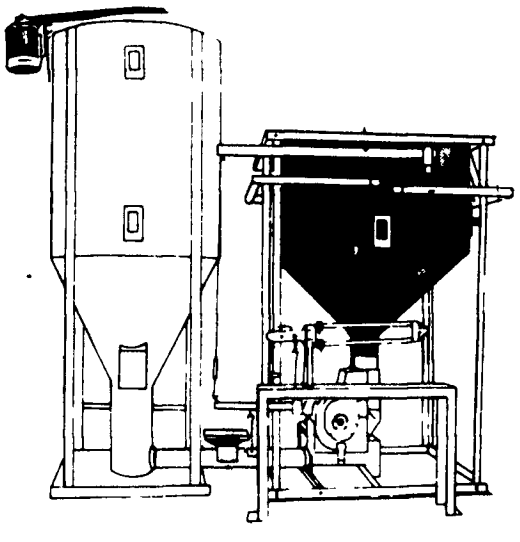
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16 FERTILIZER

M.H. MARTIN CO.
LANCASTER COUNTY, PA
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BAGGED DUSTY DRY SHAVINGS Picked Up Or Delivered
MUSHROOM MULCH Delivered
100 bu. $60.00 300 bu. $90.00 1,000 bu. $150.00
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5 yds. $140.00 10 yds. $250.00 15 yds. $330.00

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19 NURSERY

For Sale
Sweet corn silage.
Will deliver.
Any amount available.
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Quality Planting Stock For Over 35 Years

Large selection of Douglas Fir, Fraser Fir, Scotch Pine Hybrids developed at Penn State University, Canadian Hemlock, White Pine, Austrian Pine, Colorado Blue Spruce with a high percentage of blue color, and many other varieties. Write or call for our free 28 page catalog.

Carino Nurseries
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19 NURSERY

Croshaw Nursery

EVERGREEN Seedlings and Transplants

P.O. Box 339 ☐ Mill Lane ☐ Columbus, N.J. 08022
(609) 298-0477
DAVID W. CROSHAW
PRICE LIST — '91 and SPRING '92

Order Early

* Price is per tree
R P = root pruned

	PER* 100-299 FOB	PER* 300-499 FOB	PER* 500 & Up FOB
SCOTCH PINE - SPANISH & FRENCH			
5"-10" 2 yr. seedling	28	.24	.140
6"-14" 3 yr. seedling R.P.	35	31	.175
10"-18" 3 yr. seedling R.P.	38	34	190
AUSTRIAN PINE			
5"-10" 2 yr seedling	28	24	.140
6"-12" 3 yr seedling R.P.	36	32	.180
WHITE PINE			
5"-10" 2 yr. seedling	33	.29	165
8"-12" 3 yr. seedling	47	43	235
6"-14" 2-2 transplant	80	70	505
HIMALAYAN PINE			
8"-12" 3 yr. seedling	48	44	240
SOUTHWESTERN PINE			
8"-12" 3 yr seedling	45	41	225
NORWAY SPRUCE			
7"-14" 3 yr. seedling	37	33	.188
8"-12" 3-1 transplant	.80	56	.410
8"-14" 2-2 transplant	80	70	505

WHITE SPRUCE			
6"-12" 3 yr. seedling	39	35	180
COLORADO BLUE SPRUCE, SAN JUAN, APACHE, SANTA FE, RIO GRANDE			
6"-12" 3 yr. seedling	35	31	175
7"14" 4 yr. seedling	38	35	190
6"-14" 2-2 transplant	80	70	510
SERBIAN SPRUCE			
6"-12" 3 yr seedling	54	50	270
DOUGLAS FIR			
6"-12" 3 yr seedling SAN ISABEL	43	39	.215
8"-16" 3 yr seedling LINCOLN	45	41	.225
10"-18" 3 yr seedling APACHE & GILA	47	43	235
6"-12" 2-1 transplant	55	51	415
6"-14" 2-2 transplant	80	70	510
CONCOLOR FIR			
5"-9" 2 yr. seedling	39	35	195
6"-14" 3 yr. seedling	48	44	240
AMERICAN ARBORVITAE			
5"-10" 3 yr seedling	44	40	220
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6"-12" 3 yr seedling	47	43	235

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16 FERTILIZER

HEN HOUSE FERTILIZER (layer manure), spreader truck service available. Call evenings 717/684-2490.

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17 PLANTS

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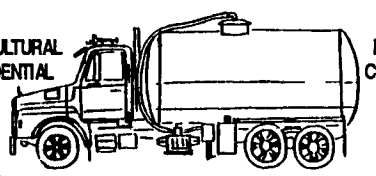

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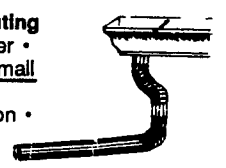

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Evergreen Seedlings, Pines, Spruces, Firs, 2,3,4 year olds. Write for Free Price List: Habe's Nursery, RD 4, Box 468, Leechburg, PA 15656. 412-842-4397.

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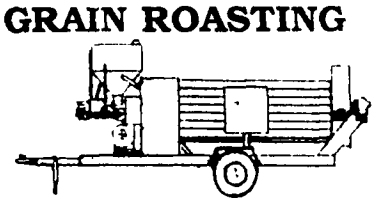
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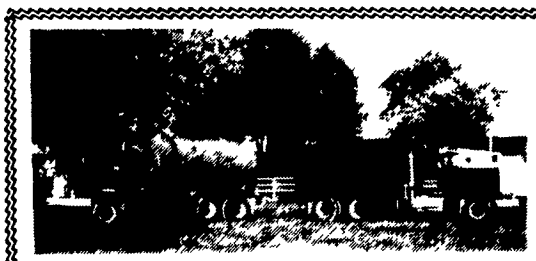
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Dairy person with 50 cow herd, some field work required, new barn and dairy facilities. Southern Lancaster County. Include references. Lancaster Farming G-81, P.O. Box 609, Ephrata, PA, 17522.

EASY WORK! EXCELLENT PAY! Assemble products at home. Call toll free 1-800-467-5566 Ext. 8079.

Expanding progressive Potter County dairy farm seeks assistant herdsman-milker. Should be responsible and reliable. Excellent opportunity for right person. Four Winds Farms, Ulysses, PA 814/334-5805.

Experienced dairy person or couple to work on dairy farm. Housing provided. Milking parlor and liquid manure setup. Call or write: San-Lee Farms, RD #2 Box 184, Selingsgrove, PA 17870 (717)743-8269.

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Housekeeper Cook on Northern Maryland Farm. Housing Provided. Write: J42 c/o Lancaster Farming, P.O. Box 609, Ephrata, Pa. 17522.

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Family man seeking employment on dairy, AI breeding experience, herd health, able to handle all phases of dairy operation. (215)562-4723, (302)337-3471 after 6:30pm.

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$1,000,000.00 Plus
Business Opportunity
1. Feed Mill (Well stocked with good business)
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The above businesses are to be sold complete with inventory, tractors, trucks, land, equipment, buildings, house, tools, etc.
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ROTTWEILER PUPPIES WANTED
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PUPPIES WANTED
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CASH FOR PUPPIES
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For Resale As Pets
Cash Paid
Will Pick Up
Call Charlie Hackett
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PUPS WANTED JANUARY 28, 1992
CALL TOLL FREE 1-800-392-4953
Early Mornings Only 7-9 AM
After 9 AM 609-452-8903
Call Early Mondays for Pickup On Tuesdays In Lancaster, Lebanon, Chester, and York Counties
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CONTACT JO JO AFTER JANUARY 26, 1992

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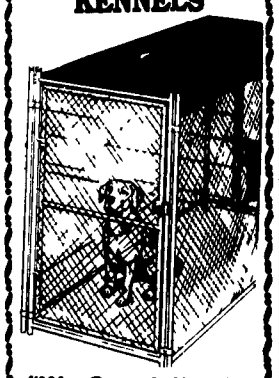

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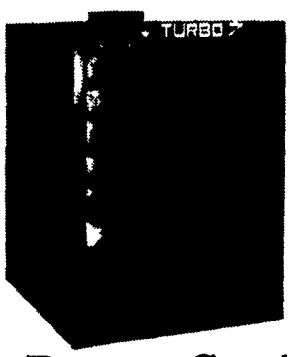

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A safe way to dispose your waste oil.
Over 13 years experience.
Electronic air, Fuel control modules give dependable performance.
Prices starting at $1,995.00

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PAINTED STEEL ROOFING & SIDING
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- 29/26 Gauge
- 3 Major Brands Available
- Large Stock Trim & Sheet
- 5V Crimp Metal

AS LOW AS $32.00 per/sq.
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33 RECREATIONAL VEHICLES

Cree self-contained KOA camper, sleeps 4-5 people, fits 3/4-ton pickup bed. Call 717-733-8353.

35 TRUCKS & TRAILERS

34 AUTOS

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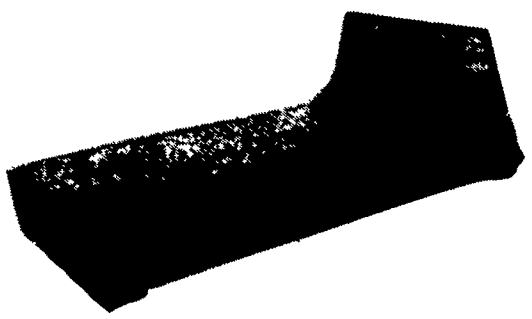

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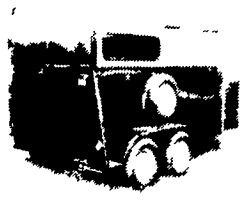

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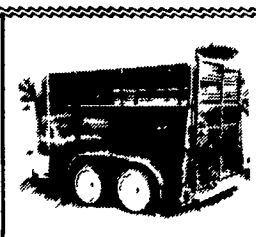

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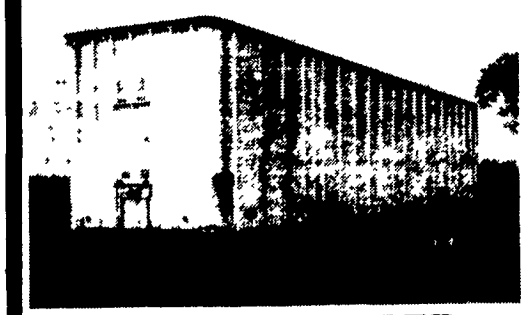

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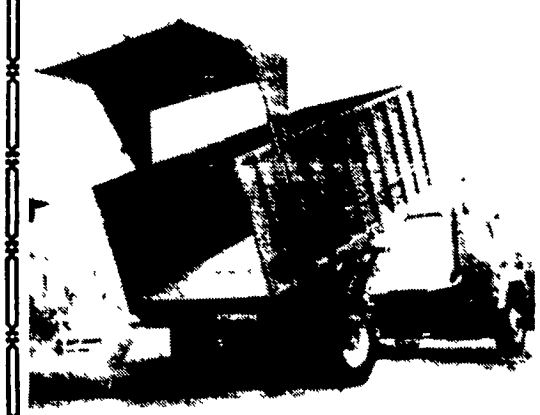

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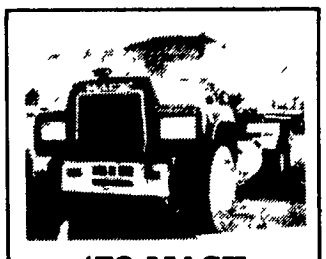

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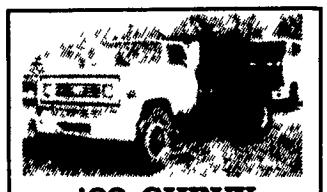

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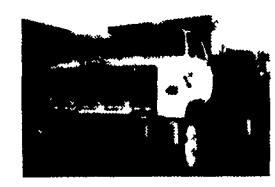

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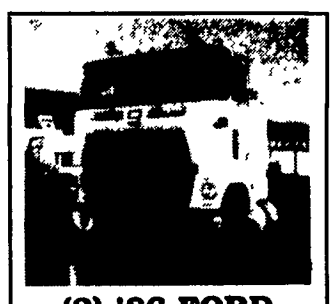

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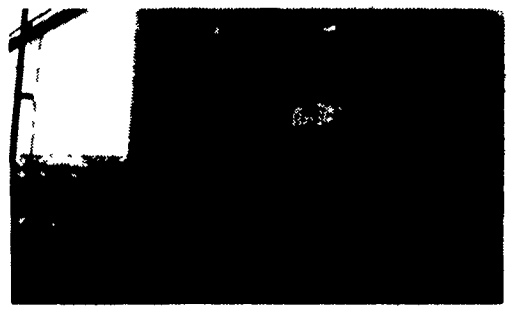

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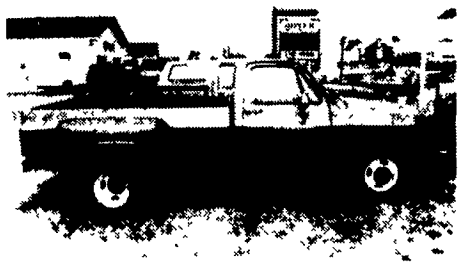

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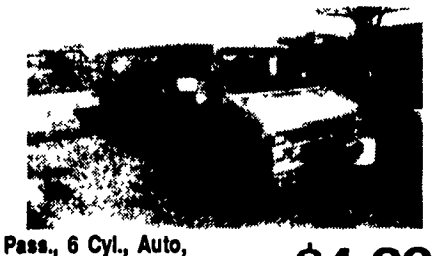

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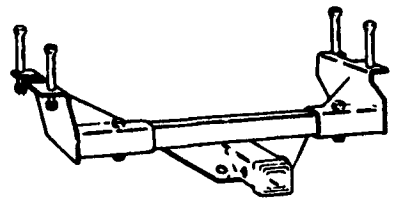

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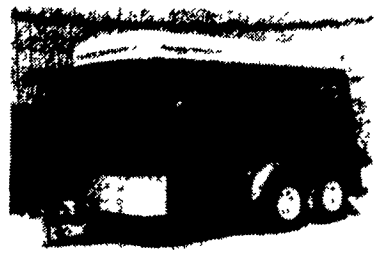

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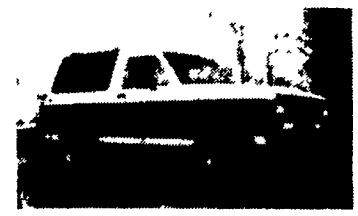

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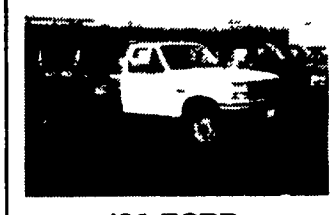

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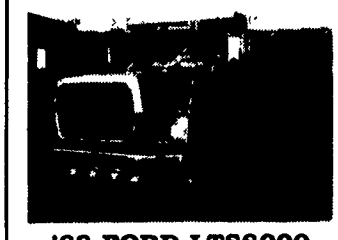
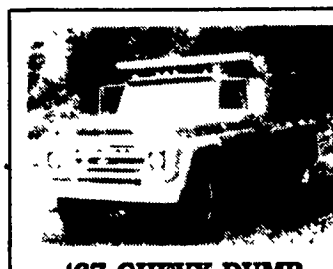


'88 FORD LTS8000 TANDEM DUMP

240 HP, 16,000 Front, 40,000 Rear, 15 Ft. Steel Dump Body, Under 70,000 Miles

$35,900



'67 CHEVY DUMP

Single Axle, Air Brakes, V8, 5 & 2 Trans.

$3,200

1 (2) 1990 FORD F-800

Cab & Chassis, 33,000 GVW

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'89 FORD F-350 4x4

460 Engine, 5 Speed, 9 Ft. Flat Dump Body

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'88 FORD F-350

Gas Eng., AT, 12 Ft., Insulated Body w/Lift Gate, Only 14,000 Miles

$13,800

35 TRUCKS & TRAILERS

1980 GMC pickup, half ton, 4-wheel drive, automatic transmission, radial tires, extra rear springs. $2900. 215/693-6246.

1986 Chevrolet, G70, 20'flatbed, 366gas, 5spd/2spd, dual tanks, 58,000 miles, 28,000GVW, good condition, $8,500 717/672-9080.

1986 Ford LTL 9000, 400 Cat, 13 speed, wetline, 36" sleeper, top of line interior, 11x24 5 tires on aluminum Budds, low mileage, sharp-looking truck, $28,000. (908)689-2845.

1987 Izuza, 12,500 orig. miles, 14' box, 11,000 GVW. Call 717-733-6109, or 717-733-1083.

1987 Mercedes Benz 1319 6 cyl. turbo diesel truck, full air brakes, 30,000 GVW, 37,000 miles, with or without 22' dry box, excellent condition. (717)362-9533.

'89 GMC Vandora 3500 Cargo Van, 350 Fl., auto., PB, PS, AM-FM, 8,600 GVW, 25,000 miles, white, like new, $8,975. 717-733-2873

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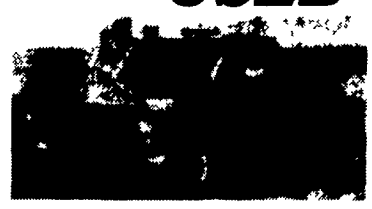
1990 Ford E250 Super Cargo, 302, ATO, AT, PS, PB, 41,000 Miles.

717-354-3199

USED TRUCKS



1988 Chevy C30 Crew Cab Scottdale, 454 PS, PB, AC, PW, PDL, Dual Tank, Rear Sliding Window, 43,000 Miles

1988 Chev ¾ Ton Pickup, 350 FI Auto, PS, PB, AC, AM & FM Stereo, Two Tone Blue & Silver, 47,000 Miles

$9,400

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BALL MOUNTS
2" to 10" Drop
$12.00 & Up

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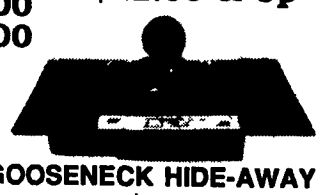

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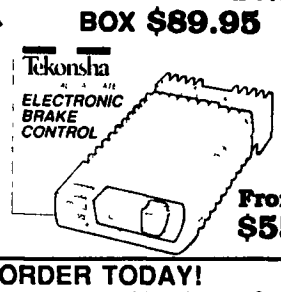
UNIVERSAL PINTLE HITCH
$42.00
16,000 GVW



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Geo By G.M. Chev Div.
1992 PRIZMS - SEDANS
1992 Storms, Trackers, Metros

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Shop Reedman Prices $50 New Dodge Chrysler Plymouth Cars & Trucks. American & Imports Revolving Inventory.

LINCOLN MERCURY

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35 New - '91/92 C1500 2 WD Pickups
12 New - '91/92 C-2500 2 WD Pickups
25 New - 1992 K1500 & K2500 4 WD P/U
35 New - 1992 Astro Pass Mini Van
20 New - 1992 Cargo Vans & Sport Vans
35 New - 1992 Lumina APV Mini Pass Vans
4 New - 1992 Geo Trackers 2 WD & 4 WD
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35 New - 1992 S-10 2 & 4 WD Pickups

SHOP REEDMAN PRICES - IN STOCK
27 New 1992 Corvette Cpes, Convts
129 New - 1992 Lumina Sdns, Cpes, Euros,
41 New - 1992 Beretta Cpes; GT's
132 New - 1992 Cavalier Cpes, Sdns, Z-24's, Convertibles & Wagons
48 New - '91/92 Camaro Cpes, Z-28 Convt
43 New - 1992 Caprice, Classic Sdns, Wgns
13 New - 1992 Corsica LT, Sdns
34 New - 1992 GEO - Storms & G S I Cpes
17 New - 1992 GEO Prizms, Metros

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4 New - 1992 Stealths
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SHOP REEDMAN PRICES - IN STOCK
40 New - 1992 Dakota Pickups 2 WD, 4 WD Regular Cab & Club Cab Models
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4 New - 1992 Imperials
25 New - 1992 Fifth Avenue
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70 New - 1992 Acclaims Sdns
30 New - 1992 Sundances 2 Drs & 4 Drs
130 New - 1992 Voyager & Caravans
30 New - 1992 Lasers
12 New - 1992 Colts
15 New - 1992 Town & Countrys
18 New - 1992 Lebaron Cpes & Convts

SHOP REEDMAN PRICES - IN STOCK
20 New - 1992 Continental Sdns
20 New - 1992 Mark VII Cpes
80 New - 1991/92 Lincoln Town Cars
70 New - 1991/92 Cougar Spt Cpes
100 New - 1992 Sable Sdns & Wgns
75 New - 1992 Grand Marquis Sdns
13 New - 1992 Topaz Sdns
20 New - 1992 Tracer Sdns, Wgns
12 New - 1991 Capri Convt's & Hard Tops

CHEVROLET TRUCK HEADQUARTERS

Shop Reedman Prices $50 Chevy Trucks & Cars Revolving Inventory

2.9%
Annual Percentage Rate Financing Thur GMAC Or A Cash Alternative Rebate As Indicated Below In "A To B"

1992 PICKUP HDQS
A $3186.00 # 142
Is $1236 Off MSRP & A $1500 Rebate Plus A $450 Fact Equip Pkg Disc. New '92 Chevy C1500 Pickup 2 Whl Dr Mdl W/PEG PWT2, V8, AT, No AC, Vin NE155348 MSRP ★$12,595. Our Price $9,859

1992 4x4 PICKUP HDQS
B $5603.00 # 095
Is $2043 Off MSRP & A $1500 Rebate Plus A $2040 Fact Equip Pkg Disc. New '92 Chevy K1500 P/U 4 Whl Dr Silverado Mdl W/PEG P1A3 & R9C V8 5 Spd AC Vin NE143447 MSRP ★$17,242. Our Price $13,699

1992 S-10 BLAZER HDQS
$4412.00 # 221
Is $2112 Off MSRP & A $1500 Rebate Plus A $800 Fact Equip Pkg Discount. New '92 Chevy S10 Blazer 4 Whl Dr Spt Mdl W/PEG CAA2 V6 AT AC Vin NO122749 MSRP ★ $20,171. Our Price $16,559

1992 S-10 BLAZER HDQS
$4792.00 # 211
Is $2092 Off MSRP & A $1500 Rebate Plus A $1200 Fact Equip Pkg Disc New '92 Chev S10 4 Dr Blazer 4 Whl Dr Tahoe Mdl W/PEG DAA3 V6 AT AC Vin N2140141 MSRP ★ $22,491. Our Price $18,899

1992 S-10 PICKUP HDQS
$4124.00 # 244
Is $1029 Off MSRP & Includes A $1000 Rebate Plus A $2095 Fact Equip Pkg Disc. New '92 Chev S-10 P/U 2 Whl Dr Tahoe Mdl W/PEG AAA6 V6 5 Spd No AC Vin N8153006 MSRP ★$10,719. Our Price $8699

1992 S10 4x4 PICKUP HDQS
$4422.00 #099
Is $1675 Off MSRP & Includes A $1000 Rebate. Plus A $1747 Fact Equip Pkg Disc New '92 Chevy S10 Pickup 4 Whl Dr Tahoe Mdl W/AAA6 V6 AT AC Vin N8110621 MSRP ★$16,474. Our Price $13,799

1992 ASTRO PASS MINI VAN HDQS
$3197.00 # 032
Is $1597 Off MSRP & Includes A $750 Rebate Plus A $850 Fact-Equip Pkg Disc New '92 Chev Astro Mini Van CS Mdl W/PEG ASA3, V6, AT, AC, Vin NB124531 MSRP ★ $17,296 Our Price $14,949

We Accept Major Credit Cards In All Our Service Departments.

1991 CORVETTE CONVT HDQS
$9930.00 OFF # 184
Is $6030 Off MSRP & Includes A $3900 Rebate New '91 Corvette Convt W/PEG #1,V8, AT,AC, Vin M5115861 MSRP $41,829. Our Price $31,899

1992 CORVETTE HDQS
$6345.00 OFF # 046
Is $5345 Off MSRP & Includes A $1000 Rebate. New '92 Corvette 2 Dr Cpe, W/PEG #1 V8, AT, AC Vin NS105813 MSRP $37,344 Our Price $30,999

3.9%
Annual Percentage Rate Financing Thru GMAC Or A Cash Alternative Rebate As Indicated Below in "A To C"

1992 CAVALIER HDQS
A $1710.00 OFF # 058
Is $610 Off MSRP & Includes A $1100 Rebate New '92 Cavalier VL 4 Dr Sdn 4 Cyl AT AC Vin N7151801 MSRP $11,279. Our Price $8,569

1992 CAVALIER HDQS
B $2325.00 # 107
Is $825 Off MSRP & A $1100 Rebate Plus A $400 Fact Equip Pkg Disc New '92 Cavalier VL Wgn 4 Cyl AT AC Vin N7179299 MSRP ★$12,594 Our Price $10,669

1992 GEO STORM HEADQUARTERS
C $2261.00 OFF # 012
Is $1016 Off MSRP & Includes A $1200 Rebate. New '92 Storm 2+2 Cpe 4 Cyl, 5 Spd AC Vin N7507907 MSRP $12,895. Our Price $10,679

1992 CAPRICE WAGON HDQS
$3576.00 OFF # 075
Is $2376 Off MSRP & Includes A $1200 Rebate New '92 Caprice 4 Dr Wgn, V8, AT, AC, Vin NW121363 MSRP $19,425. Our Price $16,849

1992 CAPRICE HDQS
$3426.00 OFF # 021
Is $2226 Off MSRP & A $1200 Rebate. New '92 Caprice 4 Dr Sdn, V8, AT, AC, Vin NR101327 MSRP $18,105. Our Price $14,679

1992 BERETTA HEADQUARTERS
$2467.00 #011
Is $1467 Off MSRP & A $500 Rebate Plus A $500 Fact Equip Pkg Disc. New '92 Beretta GT Cpe, W/PEG #2, V6, AT, AC, Vin NY119106 MSRP ★ $15,416 Our Price $13,449

1992 LUMINA HEADQUARTERS
$3659.00 # 086
Is $2009 Off MSRP & A $1250 Rebate Plus A $400 Factory Equipment Package Discount New '92 Lumina 2 Dr Cpe, W/PEG #2, V6, AT, AC, Vin N9137006 MSRP ★$15,738 Our Price $12,479

1992 LUMINA APV MINI VAN HDQS
$3176.00 #011
Is $1576 Off MSRP & Includes A $1000 Rebate Plus A $600 Fact Equip Pkg Disc. New '92 Lumina APV Mini Van W/PEG #1 V6, AT, AC, Vin NT106507 MSRP ★$17,415. Our Price $14,839

1991 CAMARO HDQS
$3276.00 OFF #533
Is $1376 Off MSRP & Includes A $1900 Rebate. New '91 Camaro RS Cpe W/PEG #1 V8, AT, AC, Vin ML109943 MSRP $14,275 Our Price $10,999

1992 CAMARO HDQS
$2779.00 # 071
Is $1329 Off MSRP & Includes A $900 Rebate Plus A $580 Fact Equip Pkg Disc. New '92 Camaro RS Cpe W/PEG #1, V8, AT, AC, Vin NL120447 MSRP ★$14,388. Our Price $12,159

1992 GEO PRIZM HDQS
$2196.00 OFF # 021
Is $945 Off MSRP & Includes A $1500 Rebate. New '92 Geo Prizm W/PEG/2 4 Cyl AT AC Vin NZ015996 MSRP $12,736. Our Price $10,269

1992 CORSICA HDQS
$2583.00 # 023
Is $1283 Off MSRP & A $1000 Rebate Plus A $300 Fact Equip Pkg Disc. New 1992 Corsica LT Sdn W/PEG #1 V6, AT, AC, Vin NY166343 MSRP ★$13,552. Our Price $11,269

★Listed MSRP Reflects Savings Resulting From Factory Equipment Package Discount As Explained On Factory Federal Price Label.

ZERO%
Annual Percentage Rate Financing Thru Chrysler Credit Or A Cash Alternative Rebate As Indicated Below In A To B

1992 SPIRIT HDQS
A $3920.00 # 032
Is $1245 Off MSRP & A $1500 Rebate Plus A $1175 Fact Equip Pkg Disc New '92 Spirit 4 Dr Sdn W/22D Pkg 4 Cyl AT AC Vin NF146248 MSRP ★ $13,044 Our Price $10,299

1992 SHADOW HDQS
B $1970.00 #013
Is $755 Off MSRP & Includes A $1000 Rebate Plus A $215 Fact Equip Pkg Disc New '92 Dodge Shadow 4 Dr Hatchback, 4 Cyl AT AC Vin NN117409 MSRP ★$11,024 Our Price $9299

1992 DYNASTY HDQS
$2947.00 OFF #025
Is $1947 Off MSRP & Includes A $1000 Rebate. New 1992 Dodge Dynasty 4 Dr Sdn 4 Cyl, AT, AC, Vin N0748648 MSRP $15,746 Our Price $12,799

1992 STEALTH HDQS
$4715.00 OFF #006
Is $1715 Off MSRP. New 1992 Dodge Stealth ES Spt Cpe V6, AT, AC, Vin NY028701 MSRP $21,614 Our Price $19,999

'92 GRAND CARAVAN HDQS
$3599.00 #006
Is $1709 Off MSRP & Includes A $1000 Rebate Plus A $857 Fact Equip Pkg Disc. New 1992 Dodge Caravan 7 Pass SE Mdl W/28B Pkg V6 AT AC Vin NX126265 MSRP ★$18,708 Our Price $15,999

1991 CAPRI CONVT
$5142.00 # 106
Is $1842 Off MSRP & Includes A $2800 Rebate Plus A $500 Fact Equp Pkg Disc New '91 Capri Convt W/PEP 661 & Two Tops, 4 Cyl AT AC Vin M9630710 MSRP ★ $16,891. Our Price $12,249

1992 SABLE WGN HDQS
$4050.00 # 515
Is $2550 Off MSRP & A $800 Rebate Plus A $700 Fact Equip Pkg Disc New '92 Sable GS 3 Seat St Wgn W/PEP 451 V6 AT AC Vin NA602180 MSRP ★ $19,249 Our Price $15,899

$6801.00 OFF #066
Is $4304 Off MSRP & Includes A $2500 Rebate. New '92 Chrys Imperial 4 Dr Sdn V6 AT AC Vin ND715135 MSRP $29,083. Our Price $22,250

$4068.00 # 082
Is $2668 Off MSRP & $1000 Rebate Plus A $400 Fact Equip Pkg Disc. New '92 New Yorker Salon 4 Dr Sdn V6 AT AC Vin ND710973 MSRP ★ $20,607. Our Price $16,839

1992 DAKOTA P/U HDQS
$4574.00 #219
Is $1060 Off MSRP & Includes A $1000 Rebate Plus A $2514 Fact Equip Pkg Disc. New 1992 Dakota P/U 2 Whl Dr LE Mdl V6 AT AC Vin NB583561 MSRP ★$12,799 Our Price $10,999

1992 VOYAGER HDQS
$2986.00 #167
Is $1129 Off MSRP & Includes A $1000 Rebate Plus A $857 Fact Equip Pkg Disc. New '92 Ply Voyager Mini Van W/22T Pkg 4 Cyl AT AC Vin NR986493 MSRP $15,068 Our Price $12,929

Shop Reedman Prices 130 New 1992 Voyagers & Caravans In Stock-Revolving Inventory

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ZERO%
Annual Percentage Rate Financing Thru Chrysler Credit Or A Cash Alternative Rebate As Indicated Below In A To C

1992 LEBARON SDN HDQS
A $4080.00 # 061
Is $1605 Off MSRP & Includes A $1500 Rebate Plus A $975 Fact Equip Pkg Disc. New 1992 Chrys Lebaron, 4 Dr Sdn, V6, AT, AC, Vin NT249927 MSRP ★$16,304. Our Price $13,199

1992 ACCLAIM HDQS
B $4020.00 # 820
Is $1345 Off MSRP & A $1500 Rebate Plus A $1175 Fact Equip Pkg Disc. New '92 Ply Acclaim 4 Dr Sdn W/22D 4 Cyl AT AC Vin NF137847 MSRP ★ $13,044. Our Price $10,199

1992 SUNDANCE HEADQUARTERS
C $1703.00 OFF # 066
Is $703 Off MSRP & Includes A $1000 Rebate. New 1992 Ply Sundance 2 Dr Hatchback, 4 Cyl AT AC Vin NN172897 MSRP $10,452 Our Price $8749

1992 FIFTH AVE HDQS
$3913.00 OFF # 017
Is $2813 Off MSRP & Includes A $1000 Rebate New '92 Chrys Fifth Ave 4 Dr Sdn V8 AT AC Vin ND767460 MSRP $22,812 Our Price $18,999

1992 TOWN & COUNTRY HEADQUARTERS
$3182.00 OFF # 031
Is $2182 Off MSRP & Includes A $1000 Rebate. New '92 Chrys Town & Country 7 Pass Mini Van V6 AT AC Vin NX174127 MSRP $25,161. Our Price $21,979

1992 LASER HEADQUARTERS
$1912.00 OFF # 013
Is $912 Off MSRP & Includes A $1000 Rebate. New '92 Ply Laser Spt Cpe 4 Cyl 5 Spd, No AC Vin NE006711 MSRP $11,611 Our Price $8,699

1991 TRACER HEADQUARTERS
$2303.00 OFF # 066
Is $903 Off MSRP & Includes A $1400 Rebate. New 1991 Mercury Tracer 4 Dr Sdn, 4 Cyl, 5 Spd No AC, Vin MM657186 MSRP $9802 Our Price $7499

1992 CONTINENTAL HDQS
$7664.00 # 003
Is $4854 Off MSRP & A $1000 Rebate Plus A $1810 Fact Equip Pkg Disc. New 1992 Linc Continental 4 Dr Sdn W/PEP #852 V6, AT, AC, Vin NY601251 MSRP ★ $32,853. Our Price $26,999

1992 TOWN CAR HEADQUARTERS
$5862.00 OFF # 041
Is $4862 Off MSRP & Includes A $1000 Rebate. New '92 Lincoln Town Car 4 Dr Sdn, V8, AT, AC, Vin NY604374 MSRP $31,861 Our Price $25,999

1992 MARK VII HEADQUARTERS
$5473.00 OFF # 526
Is $4473 Off MSRP & Includes A $1000 Rebate. New '92 Linc Mark VII LSC V8 AT AC Vin NY621135 MSRP $32,622. Our Price $27,149

7.9%
Annual Percentage Rate Financing Thru Ford Credit Or A Cash Alternative Rebate As Indicated Below In A To D

1992 GRAND MARQUIS HDQS
A $3611.00 OFF # 306
Is $2614 Off MSRP & A $1000 Rebate. New 1992 Merc Grand Marquis GS 4 Dr Sdn V8, AT, AC, Vin NX892700 MSRP $21,013 Our Price $17,399

1992 TOPAZ HEADQUARTERS
B $3312.00 # 017
Is $1060 Off MSRP & A $1200 Rebate Plus A $1063 Fact Equip Pkg Disc. New '92 Merc Topaz GS 4 Dr Sdn W/PEP #352 4 Cyl AT AC Vin NB600436 MSRP ★ $12,068 Our Price $9,799

1992 SABLE HEADQUARTERS
C $3917.00 # 649
Is $2417 Off MSRP & A $900 Rebate Plus A $700 Fact Equip Pkg Disc. New '92 Sable GS 4 Dr Sdn W /PEP #451 V6, AT, AC, Vin NA620637 MSRP ★ $18,166. Our Price. $14,949

1992 COUGAR HEADQUARTERS
D $3718.00 # 514
Is $2455 Off MSRP & Includes A $750 Rebate Plus A $513 Fact Equip Pkg Disc. New 1992 Merc Cougar 2 Dr Spt Cpe, W/PEP 260, V6, AT, AC, Vin NM601527 MSRP ★$18,204. Our Price $14,999

35 TRUCKS & TRAILERS

'90 Ford XL E350 Club Wagon, 12 passenger, 351 EFI, auto., PS, PB, dual air & heat, AM-FM, dual tanks, privacy glass, charcoal, excellent condition, $11,500. 717-733-2873

1973 Freightliner 1693TA Cat, 15sp/OD, 411/rears, $4,000. Int 345 eng, $300. Chev 427, 38' flat trailer, $700. 215-286-9735.

1979 Ford 534 engine, 40,000 original miles, $1000. 609-461-1253 after 5PM.

'90 Ford F150, 4x4, super cab, 302 EFI., 5 spd, PS, PB, air, AM-FM, dual tanks, lock-out hubs, 17,000 miles w/balance of factory warranty, excellent condition, $12,900. 717-733-2873

For Sale: 48' Double drop trailer made for hauling round hay bales, excellent condition, $3,000 OBO. Call 410-876-1776.

'79 Tracer, 20' gooseneck stock trailer, new floor, new springs and tires. 215-562-5868.

R model Mack hood, lights and molding included, $600. (215)358-1232.

Small stock trailer, new paint, new tires, very good condition. Call (215)562-4723, (302)337-3471 after 6.30pm.

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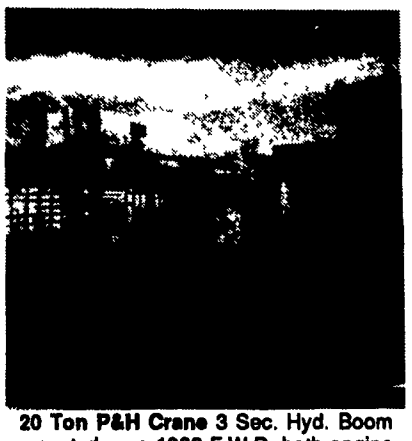
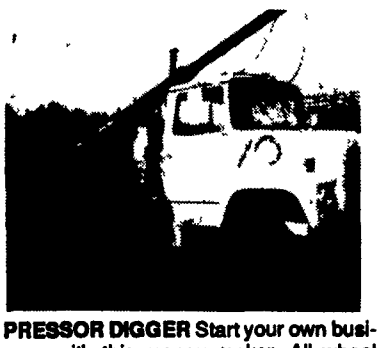
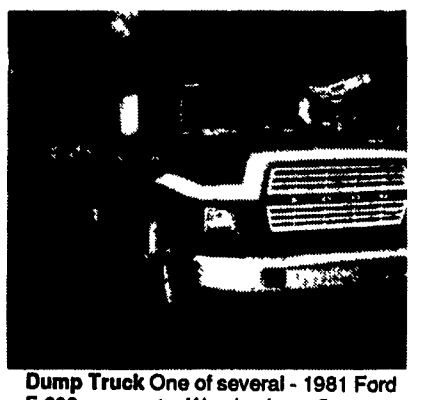


20 Ton P&H Crane 3 Sec. Hyd. Boom mounted on a 1968 F.W.D. both engine gas (new front 89), fleet maintenance.



PRESSOR DIGGER Start your own business with this money maker. All wheel drive, Ford with highway digger, also rear mounted winch. Several to choose from, starting at $12,000.00. Pictured above.



Dump Truck One of several - 1981 Ford F-600, gas, auto. We also have five man cabs with dumps and air compressors.

Flat Beds we have large selection of them Knuckle Booms, or Pitman Booms with 11,000 pounds capacity, lift gates, 16'-20' beds all trucks inspected and ready to work

Bucket Truck L-40 ASPLUNDH, single man bucket, 45' working height. We also have L-36 Bucket, call for specs.

HIGH RANGER 70' working height, two man bucket. this unit was fleet maintained. We have service records. Rebuilt engine 5/2 trans on Chevy Inspected.

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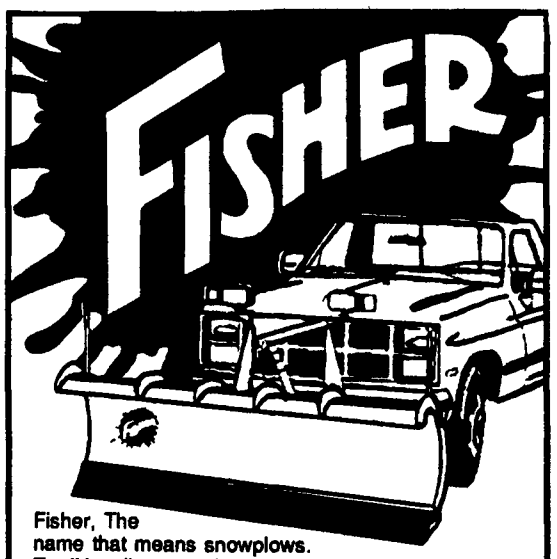

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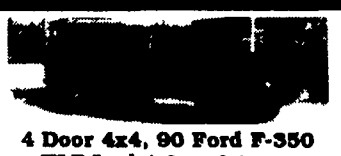
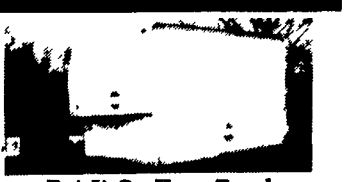
Diesel 83 Chevy C-10
6.2 AT, AC, Silverado, Excellent Body, Probably Needs Head Gasket Sold As Is



4 Door 4x4, 90 Ford F-350 XLT Lariat Crew Cab, 460 AT, AC, Only 8,900 Miles New Truck Warranty

Muscle V8 88 Ford F-250
460 Auto, AC, Tow Pkg., 8800 GVW, 39,000 Miles

Super Duty Dump, 89 Ford F-450 Stake Body Dump, 460, AT, 18,000 Miles, 12 Foot Reading Box, New Truck Warranty



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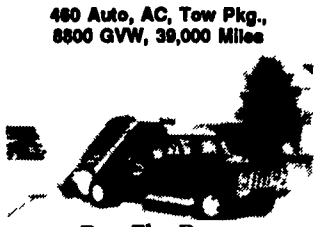
$1,495

Diesel Stretch Cab 88 Ford F-250 7.3 Diesel, 5 Spd, O/D A/C, Real Nice

87 GMC 4 Door Dually Beautiful Southern Coach Conversion, 24,000 Original Miles, 454 AT, AC, Tow Pkg.



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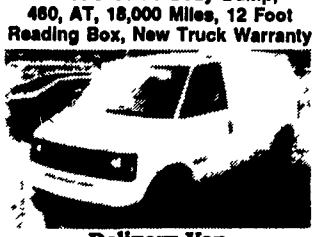
Aluminum Eby Dump Box, 9 Ft. Length, 7 Ft. Height, 3 Way Rear Door
$4,500



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85 GMC Safari
Easy To Drive, Cheap To Operate
41,000 Miles
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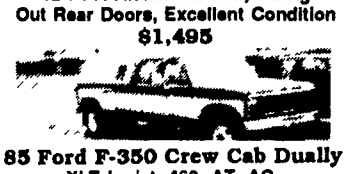
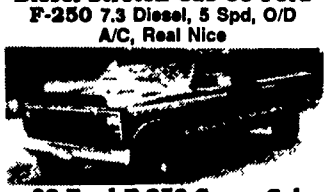
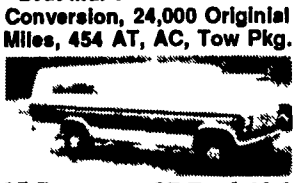


85 Ford F-350 Crew Cab Dually
XLT Lariat, 460, AT, AC, Very Nice

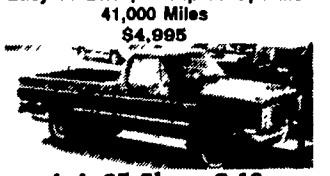


86 Ford F-250 Super Cab
Great For Trailer Towing, 460, Auto, AC, Dual Tanks, Very Clean



15 Passenger 87 Ford Club Wagon XL 351, AT, Tilt, Cruise, AM/FM Cassette, Frt. & Rear AC & Heater, 41,000 Original Miles

Diesel 4x4
88 Ford F-250, 8800 GVW, 7.3 Diesel, AT, Dual Tanks Runs Strong



4x4, 85 Chevy C-10
Very Nice, V8, 4 Spd, A/C, Runs Great
$6,995

89 Chevy C-30 Cube Van
350 V8, AT, 33,000 Original Miles, 14 Ft. Aluminum Box

87 Chevy C-30 Dump Truck
Only 7,000 Miles, 350, 4 Spd, 10 Foot Thiele Lo Side Bed With Cab Protector

4 Door Dually 86 Chevy C-30
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4x4 Stretch Cab 86 Ford F-150
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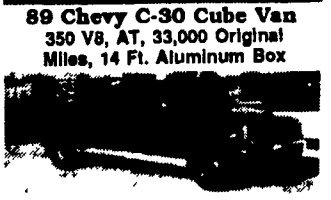
Meyer Power Angle Plow + 88 Ford F-250 4x4
7.3 Diesel, AT, A/C, 40,000 Clean Miles

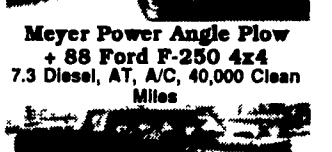


6 Wheel Drive, Diesel Power 89 GMC Stretch Cab Dually
6.2 Diesel, AT, AC, 29,000 Original Miles

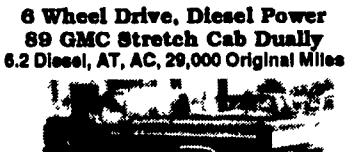
Diesel 4x4 Enclosed Utility Box
7.3 Diesel, AT, AC, Stetch Cab, A Hard To Find Truck

90 Ford F-350 4 Door
7.3 Diesel, Auto, A/C, 24,000 Miles, Ladder Racks, Tool Chest, Very Nice

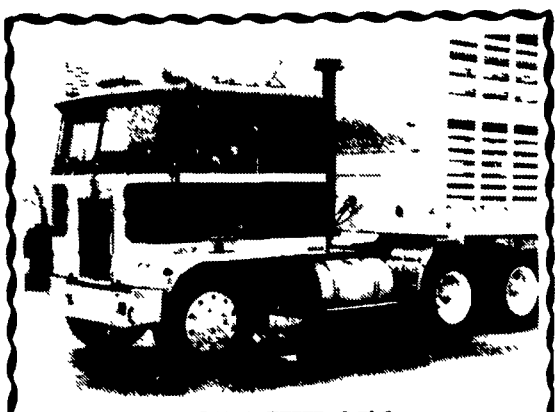
Diesel Power 86 Ford F-350 Dually 6.9 Diesel, AT, AC, Tilt, Cruise, Dual Tanks, A Great Towing Machine.



Stretch Cab 88 Chevy 1500
41,000 Miles, Inj. 350, 5 Spd. O/D Runs Great, Real Nice



4 Wheel Drive, 85 Ford F-250
XLT Lariat, V8, AT, AC, 60,000 Miles, Very Nice



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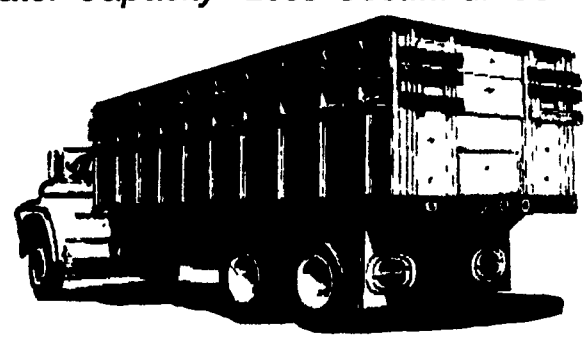

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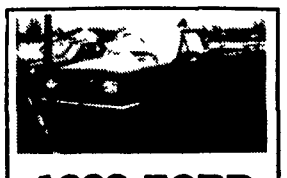
$9,789

1992 FORD F-150 4x2 SUPERCAB

6 Cyl., 5 Spd., Overdrive, Power Steering, Power Brakes, Air Conditioning, AM/FM Stereo, Radial Tires, 3.08 Axle Ratio, Bring Low-Mount Mirrors, Argent Wheels.

$13,745



1992 FORD F250 4x4

Pickup, V8, 5 Speed Transmission, Overdrive, Power Steering, Power Brakes, Air Conditioning, AM-FM Stereo, Radial Tires, Low Mount Mirrors, Argent Rear Step Bumper, Sport Wheel Covers, Tinted Glass, F 6098.

$16,886

1992 FORD F150 4x4

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1991 FORD F150 4x2

Pickup, 6 Cyl., 5 Speed Transmission, Overdrive, Power Steering, Power Brakes, AM-FM Stereo, Radial Tires, Low Mount Mirrors, Handling Package, Heavy Duty Battery, Sliding Rear Window, Super Engine Cooling, Argent Rear Step Bumper, Tinted Glass ST F4306.

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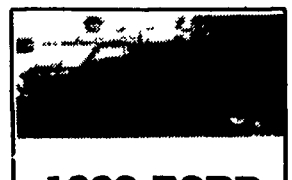

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Power Steering, Power Brakes, AM-FM Stereo, 7.3 Diesel, 5 Speed Overdrive, Super Engine Cooling, 161 in. Wheelbase, 14,500 GVW.

$19,384

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'74 Int. 4070-B cab over tractor, twin screw, 290 Cummins, 15 speed, P/S, A/C, very good condition
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E-Z Dumper is the original hydraulically operated dump unit for pickup trucks. With E-Z Dumper you can unload your pickup truck bed in under thirty seconds with the turn of a key. You'll never have to unload your truck by hand again!

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Easy To Install And Operate. Do-it-yourself installation of E-Z Dumper is a breeze. No alterations are needed for most trucks. Just slide the dumper into your truckbed, secure it with bolts and holes already on your truck, and you're ready to go. We even include the hydraulic fluid!

A Durable Investment. E-Z Dumper is designed to take a beating from the toughest loads, from two yards of cordwood to two tons of crushed stone, while providing you with years of reliable service.

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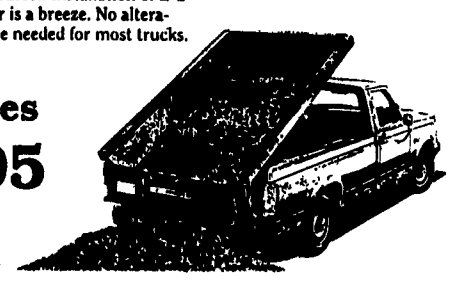

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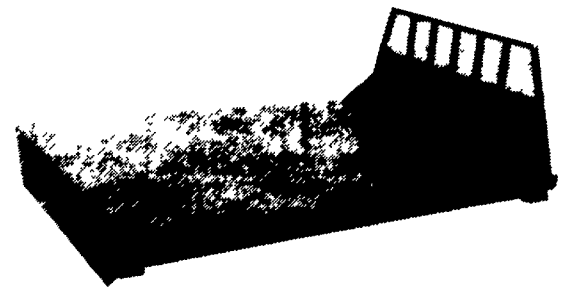

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11 Ft.	90"	34 or 38"	$850
12 Ft.	90"	34 or 38"	$960
14 Ft.	90"	34 or 38"	$1050
16 Ft.	90"	34 or 38"	$1200
18 Ft.	90"	34 or 38"	$1400
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Standard Features Include:
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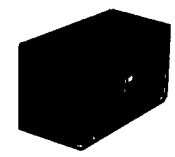

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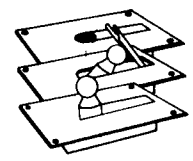

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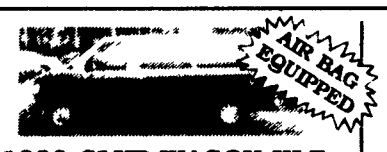
New 1991 Clearance Priced

1992 F-350 4x2 CUSTOM READING UTILITY BODY

Reading Body, Recessed 'V' Step Bumper, Ladder Racks, 5.8L EFI, Electronic Auto Overdrive, LT235/85Rx16E All Season Radials, Spare Tire, Anti-Lock Brakes, Handling Package, Knitted Vinyl Seat, AM/FM Stereo/Clock, Super Engine Cooling, Headliner Insulation Package, H D Battery, Chrome Bumper, L/ Mount Mirrors, 3.55 Ratio Rear Axle.

1992 F-350 CREW CAB DIESEL DUAL REAR WHEEL

XLT Lariat, 7.3L Diesel, Electronic Automatic o/Drive, 4.10 Limited Slip Rear, Anti-Lock Brakes, Air Conditioning, Camper Package, Chrome Step Bumper, Tachometer, Power Windows/Locks, Recreation Mirrors, Tilt Wheel, Cruise Control, Sliding Rear Window, Gauge Package, LT215/85Rx16 All Season Radials, Cloth Seat Trim, Spare Tire & Wheel.



1992 CLUB WAGON XLT "MOTOR TREND TRUCK OF THE YEAR"

5 8L V8, Electronic Automatic Overdrive, 3.55 Rear Axle, Anti-Lock Brakes, Deluxe Tu-Tone Paint, 6 Way Power Seat, Clearcoat Paint, Trailer Tow Package, P235/75Rx15 All Season Radials, Privacy Glass, AM/FM Stereo Cassette, Speed Control, Tilt Wheel, Power Windows/Locks, Console, Quad Reclining Captains Chairs With Seat/Bed, 7 Passenger Capacity, Drivers Side Air Bag Equipped

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Dump and Utiloty Body Combined, Pintle Hook, Cargo Top, Step Bumper, Trailer Ball, and Rear Chute, 7 3L Diesel, H.D 5 Speed Overdrive, Super Engine Cooling, Vinyl Trim, Tinted Glass, Anti Lock Rear Brakes, All Terrain Tires, AM/FM Stereo, Super Engine Cooling, Must See This Unique Truck.

1989 DODGE D350 DUALLY UTILITY BODY

360 V8, Automatic, Power Steering and Brakes, AM/FM Stereo, Vinyl Bench Seat, 7.50x16 Tires, Clearance Lights, Chrome Bumper, Diamond Plate Step Bumper, One Onwer New Trade Truck With Only 11,000 Original Miles And Great Condition

SPECIAL FACTORY PURCHASE 1991 E-350 CLUB WAGON 15 PASSENGER MODEL

Only 8000 Miles With Balance of Factory Warranty, Vinyl Seat Trim, Floor Carpet, XL Trim Package, Privacy Glass, Auxiliary Air Conditioning/Heat Package, AM/FM Stereo, Power Windows/Locks, Tilt Wheel/Cruise Control, All Season Radials, Deluxe Tu-Tone Paint, 5 8L EFI,L Electronic Automatic Overdrive, M S.R.P New $23,876

Sale Price $18,888

1989 FORD F-150 XLT LARIAT"

Like New Low Mileage Truck, 5 02 EFI, Step Bumper, Deluxe Tu-Tone, Sport Wheels, Anti Lock Brakes, AM/FM Ceassette, Air Conditioning, Tilt Wheel, Cruise Control, Power Windows, Power Locks, Spotless Condition, 2 89's In Stoc, 1 90 In Stock.

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1 Owner, 20,000 Miles, 4 9L EFI, Step Bumper, Sport Wheels, Anti Lock Brakes, Dual Tanks, Sliding Rear Window, AM/FM Stereo, Also, 1 1991 XLT In Stock With Only 10,000 Miles.

1987 FORD F-250 4x4 DIESEL

1 Owner, New Diesel Trade, XL Trim, Lock Out Hubs, Tilt Wheel, Cruise Control, Air Conditioning, Stereo, 4 Speed, H.D Overdrive, Step Bumper, Anti-Lock Brakes, Deluxe Tu-Tone, Completely Serviced.

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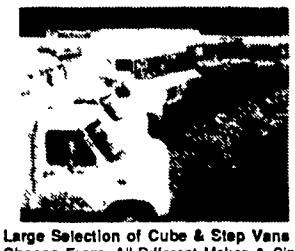
Just Off I-78, Between Allentown & Quakertown

Just Traded: 85 Chev. HD ½ Ton 4x4 Suburban 350 V8, 4 Spd. Trans., AC, PS, PB, Barn Doors, Tow Pkg., PA 1 Owner, New Inspection $6,950 O.B.O.

1986 Ford LN8000 18' Reefer w/Thermo King Diesel Unit, 3208 Cat Dsl, 5 Spd. Trans, Ready To Go To Work $12,900



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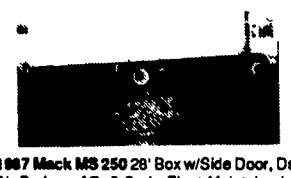
"U.S. Government Retired" Single Axle Tractors Big Block V8, 5/2 Spd., Air Brakes, Low, Low Miles, Can Easily Be Converted To Grain Dumps Or Stake Bodies Priced To Sell....



1987 Mack MS 250 28' Box w/Side Door, Dsl, Air Brakes, AC, 5 Spd, Fleet Maintained, In Excellent Condition, Available For Sale Or Lease.

Reposed - 1989 GMC (Isuzu) 12' Lunch Truck Turbo Diesel, AT/OD, 20,000 Original Miles, Has Many Features Including: Soda Dispensers, AC, And Much Much More.

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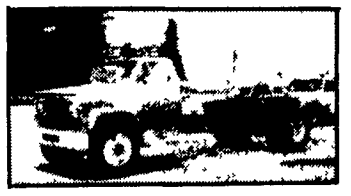
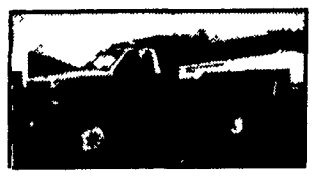
"IF WE DON'T HAVE IT, WE'LL GET IT"

1990 Chevy C-30, 84" Chassis, 454 V-8, Auto., Air Cond., Am/FM, Tilt, Cruise, Scottsdale, Like New.



Chevy C-70, 366 V-8, 5 Spd., 24,500 GVW, 138" Chassis, Air Cond.



New Kodiak Dump, 23,000 GVW, 5 Speed, 10 Ft. Dump, With Removable Sides.

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New Kodiak Cab & Chassis, 23,000 GVW, 366, 5 Speed, 102" Chassis.

New Kodiak 33,000 GVW Dump, 215 HP CAT, 5 and 2 Trans., Air.

NEW CHEVY'S IN STOCK!

- 20 Mediums
- 15,000# C30HD, 14 Ft. Stake
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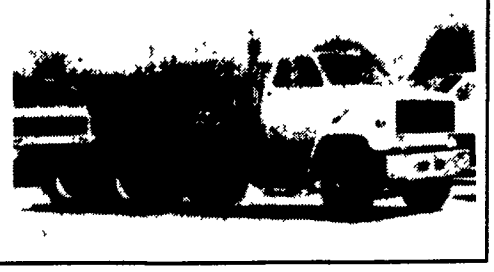
- 11,000# C30, Big Dually Crew Cab
- 11,000# C30's - Dumps - 4x4, 2x4



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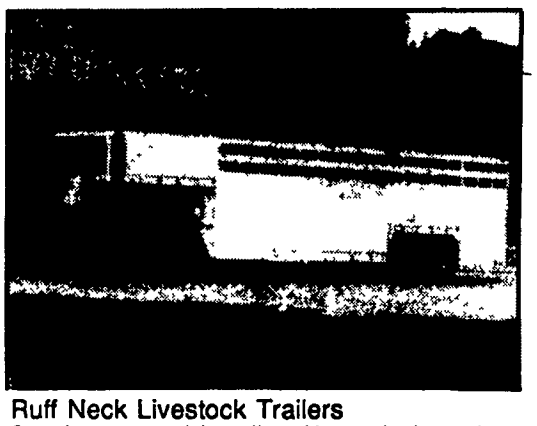
Great value in rugged Gooseneck and Bumper Hitch models 14'-20' long; cast aluminum corner caps, Dexter rubber ride axles, e-z access doors and rugged gate construction.

TIMPTE Super Hopper Grain Trailers
Super value for long life performance, 40' and 42' lengths, 66" or 78" inside height (sides) std., 90" opt. Includes two traps in single hopper design for better aerodynamics.



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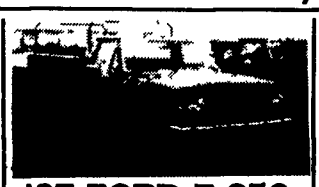
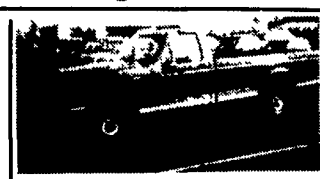
'88 FORD F-250 4x4
AT, AC, 460, V8, Only 26,000 Mi. #6562
Was $12,495
NOW **$9,850**



'87 FORD F-350 UTILITY BODY
AT, V8, AM/FM, Only 10,000 Mi. #6608
Was $11,995
NOW **$8,750**

'91 GMC H.D. STAKE DUMP
14 Ft. Duty Body, V8, AT, 15,000 GVW, Demo #1065
Was $27,400
NOW **$22,900***
Also - 2 Chassis In Stock

'86 GMC 4x4 BIGFOOT
High Sierra, V8, AT, AC, 49,000 Mi. #6620
Was $10,900
NOW **$9,500**



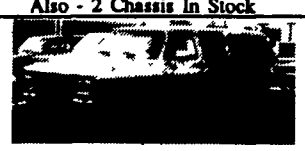
'87 FORD F150 4x4
#6587
40,000 Miles
Was $10,900
NOW **$8,500**

DIESEL

'86 FORD F-350 DUALLY
4 Spd., Ready To Work #6636
Was $8,995
NOW **$7,750**

'89 FORD F-250 4x4
8600 GVW, V-8, AT AC, Sharp! #6555
Was $13,995
NOW **$11,800**

'87 CHEVY 4x4 PICKUP Short Bed, V8, AT, AC, Very Clean #6524
Was $9,995
NOW **$8,400**

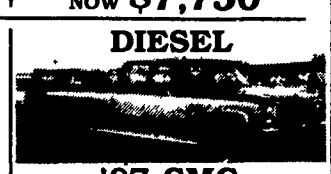


'91 GMC SUBURBAN 4x4
Sierra Classic, Loaded, Factory Demo #6616
Was $27,000
NOW **$20,590**

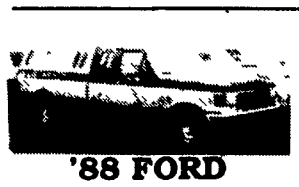
'88 CHEVY 4x4 CHOO-CHOO V8, AT, AC, Loaded #6544
Was $12,900
NOW **$10,750**

'92 GMC SUBURBAN
#2417
In Stock, 3 Others

DIESEL

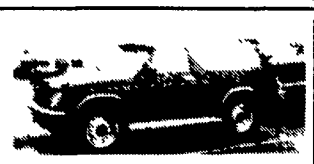


'87 GMC CREWCAB 4x4
AT, AC, Sierra Classic, Very Sharp #6596
Was $13,900
NOW **$11,750**



'88 FORD F-150 CLUB CAB
XLT, AT, AC, V8, Very Clean #6563
Was $12,995
NOW **$10,550**

'88 CHEVY ¾ TON 4x4
AT, AC #6590
Was $12,900
NOW **$9,850**



'87 CHEVY S-10 BLAZER
V6, AT, AC, Priced To Go #6621
Was $6,995
NOW **$4,850**

'89 FORD F-250 4x4
Dump Bed, V8, AT, #6560
Was $13,900
NOW **$10,700**

(2) '89 CHEVY ¾ TON PICKUPS
V8, AT, AC, Work Trucks (Company Trade-Ins) #6454
Were $10,995
MAKE AN OFFER
You Pick!

'78 FORD F-150 XLT 4x4
V8, AT, AC, #6617
Was $3,995
NOW **$2,400**

* Includes Applicable Factory Rebates

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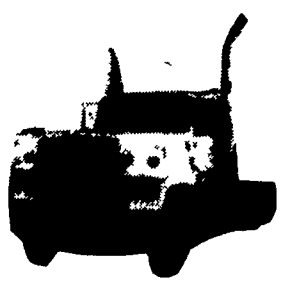
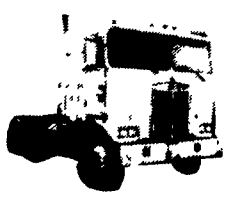
Stop and see us on your way to or from Farm Show and check out these specials!

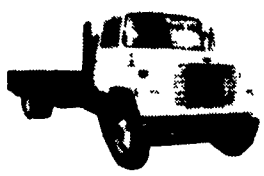


85-88 Ford LTL9000 400 NTC, 13 Spd., P/S, A/C, Neway Air Ride, Slpr..... **Starting at $21,000**

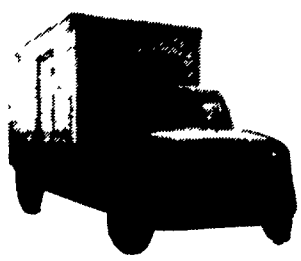
85-86 IHC S1954, DT466 5 Spd., P/S, A/C, A/B, 28,000 GVW, 24' Van Body..... **Starting at $11,500**



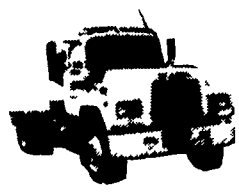
86 KW K100E, 350 Cat, 9 Spd., P/S, A/C, 8 Bag Air Ride, Recent Eng. Work..... **$13,900**



85 Ford LN8000, 3208 Cat, 5 Spd., P/S, A/B, 30,000 GVW, 22' Platform With L/G, Low Miles..... **Reduced To ~~$10,000~~ $9,500**



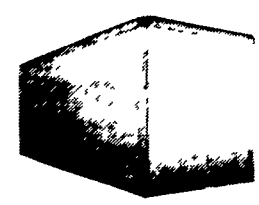
87 IHC S1954, DT466, 5&2 Spd., P/S, A/C, A/B, 30,000 GVW, 18' Van L/G..... **Reduced to ~~$15,500~~** As C&C Only..... **$14,500**



85 Mack U-Model, Single Axle, 250 HP, 5 Sp. P/S, Spr. Susp., Very Clean..... **Reduced to $10,000**

77 GMC, 427, GM Gas, 5&2 Spd., P/S, A/B, 35,000 GVW, 16' C&C..... **Reduced to ~~$3,500~~ $3,200**

87 White WCM64Y NTC 315, 9 Spd., P/S, A/C, Spoke Wheels, 175 Wb..... **$19,500**



Used Truck Bodies - Various Sizes Vans, Flats, Reefers, Dumps..... **Must Sell**

(2) 86 IHC, 9670, 350 NTC, 9 Spd. P/S, A/C, Air Ride Susp., Alum. Wheels, Very Clean..... **$14,500**

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55 Chevy PU, 5 Wndw Cab Style, 6 Cyl., 3 Spd., Gd. Running Cond., Easy To Restore.

$1,990

72 Fruehauf 43' Flat, Tandem Axle.

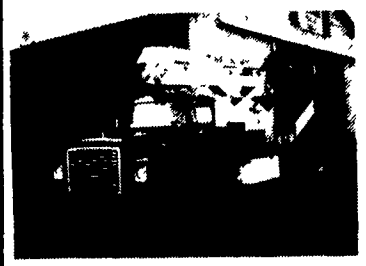
$2,300

New 1991 5 Ton Tag-A-Long, All Wheel Brakes, Adjustable Hitch, Adjustable Ramps, 16' Bed.

$1,895

90 GMC Topkick, 2,000 Mi., Flatbed w/Dump, Like New Cond.

$22,000

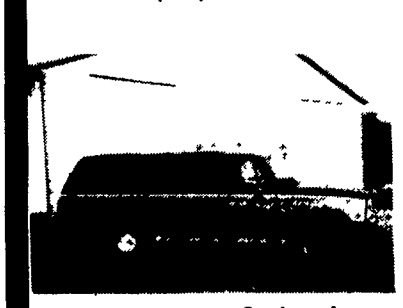


1972 IH 34' Bucket Truck, V8 Gas, Automatic, Works Good, Clean Unit.

$5,900

1972 Chevy C60 Bucket Truck, 41' Reach, V8 Gas, 5+2, PS, Outriggers, Insulated Upper & Lower Boom, Insulated Bucket, Jib, Works Good.

$7,750



1988 Chev. Suburban-Silverado- 4x4; 350 EFI, Privacy Glass- Running Boards, Auto, CC, Pdl., RWD, Dual Air, Tilt, AT Tires, AM-FM Cassette, PW, 2 Captains Chairs, 8 Passenger Seating, 2 Tone Blue, 63-K Miles, New Inspection, AT Tires, 74 Codes In Glovebox.

$14,300

1985 Ford E350 16 Passenger Bus, Dual Air, Dual Heat, 460 V8, Auto, Crome Bud Wheels, Radio, Dual Tanks, Current Inspection, Runs Good.

$9,250

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Dairy farm - 100-150 ac, flat to sloping, good soils, 60-cow barn, prefer parlor.

General or Old Type Dairy Farms - approx. 100 ac., good soils, flat to sloping, condition of buildings not important.

General Farm - Secluded with nice views, stream, pond, and/or spring preferred.

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Call Dallas Will, Farm Specialist, to confidentially discuss these buyer orders for Central Pa.

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1987 Wilkens Walking Floor Trailer 42'x12'6, 94 cubic yard, rollover tarp, 10'1" spread w/Turner air ride, 11R24.5 on Budds, Good Condition

$28,000
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WANTED TO RENT

Energetic cash grain operation looking to expand its operation. Wants to rent farm ground in Lebanon, Dauphin, Lancaster or Cumberland Counties. Will travel further for larger acres.
* Excellent financial references
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Serious inquiries only.

State your price, not interested in a bidding war with current good tenants.
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100+ ACRE DAIRY FARM

in Mifflin County. 80 A. tillable, balance mostly pasture. Mostly limestone soils, some Class 1. Large bank barn with 30 tie stalls, 16x65, 12x50 silos. Also 20x100 trench with concrete bottom. TMR mixer and covered feed bunk. Liquid manure pit. 40x64 machinery shed with 24' enclosed for shop. 4 bedroom frame house.

$185,000

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BEDFORD COUNTY DAIRY FARM

160+ acres, 100+ tillable, 63 stall barn with 2" pipeline, 800 gal. bulk tank, 16x60 and 18x60 silos, 36x54 heifer barn, 36x48 machinery shed, 24x40 insulated shop, 4 BR farmhouse, also 3 BR double wide.

All For $265,000
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#2 Two story 40x200 broiler house on ¾ acre, 25,000 capacity. Current contract. Check it out at $89,000.

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DENNIS E. BECK REAL ESTATE
Office: 717-627-2325 Home: 717-436-8431 (Anytime)

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FARM FOR SALE

140 acres farm located in Blair County, approximately 5 miles from Martinsburg. 100 acres tillable, 30 pasture, 10 timber, 2 houses, 45x80 barn w/a 16x45 addition, silo, 12x16 milk house, and various other sheds and out buildings. Suitable for either a beef or dairy operation. Clover Creek runs through farm, picturesque setting, priced to sell.

Call (814) 696-4347
Mondays thru Fridays 9-5 or
(814) 942-9059 **evenings and weekends**

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62 Acre farm for sale by owner. Beautiful setting in the valley. 20 mi. W. of Shippensburg. 38 acres tillable. 14 acres pasture. Balance wooded. Large 40x60 bank barn, 34x44 machine building and shop. Remodeled 4 bdr. farmhouse, summer kitchen. Lots of water, large Tuscarora creek plus 2 streams and 2 wells.

$138,900
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(717) 662-2138 - Evening (717) 662-2363

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Up to 120 head under 1 roof. 72 on pipeline in 3 rows w/3 box stalls on line. 2 barn cleaners discharging into 1+ year manure pit. Farm laid out in New Zealand style intensive pasture system. 20x60 silo w/ unloader. Approx. 128 acres w/adjoining lease ground avail. 10 rm. farm house. Some FmHA money. Near Wellsboro, PA. Just $209,500. M-925.

$9,900 HUNTING SEASON SPECIAL

10.321 surveyed acres in subdivision bordering State Land. All wooded w/excellent building sites around approved sewage site. Price reduced by anxious owner to just $9,900 w/immediate possession. M-706.

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Tioga County farm set up for 56 mature cows in back to back tie stalls. More room for heifers. 3 silos w/unloaders. Approx. 154 acres mostly tillable or pasture. Dairy restaurant operation included w/fuel service. Good 4 bdrm. farm house. Some FmHA low interest money, if buyer qualifies. Just $179,900. M-902.

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From this 47.51 acres within a few hundred feet of State Game Lands. Approved perc site for sewage system. Wellsboro Grand Canyon area. Just $31,400 ($661 per acre) M-844.

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Rebuilt Chevy Motors
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366, $1,050
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Trailer Hitches For Most Vehicles

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36 REAL ESTATE

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Approx. 60A. woodland for sale. 600' road frontage. Clinton County, s.e. of Loganton. Daniel Stoltzfus, RR#1,Box 47, Loganton, PA 17747.

COUNTRY RETREAT, 145 acres, 2 acre pond house w/5BR, fireplace, satellite TV, adjacent 1600 acres PA Game Lands. Respond to: P.O. Box 301, Selinsgrove, PA 17870.

Perry County farmette brick ranch, 2600 sq. ft., 2-1/2 baths, 4BR, office, country kitchen, formal DR, 30' LR, 3 fireplaces, cable TV, covered patio, large front porch, oil baseboard hot water heat, cold cellar, satellite dish, excellent view in all directions, blacktop driveway, 1100 ft. of road frontage, 40 acres +/-, 3 acres wooded, steel pole barn 20x40, bank barn 24x40, other outbuildings, 2 fenced pastures, 20x40 inground pool, large basement, 2-car garage w/ opener, underground electric, 35 minutes to state capitol. Some owner financing possible.

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160 acres, no buildings. Timber, farmland & streams. Can be divided. $1,500/acre. Owner Financing Available.

300 steer feedlot, 3 Harvestores, 8 acres newly fenced. Owner financing. $77,000 **Reduced $59,000.** Owner wants to sell - make offer.

100 acres, 60 tillable, 25 pasture, balance wooded, streams, no buildings. No Down or Rent Option. $140,000.

47 acres, mostly clear farm land, stream thru, excellent for Christmas trees. No Down or Rent Option. $69,000.

5 acre & 18 acre wooded lots, road frontage. $29,000 each. No Down.

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30 ACRE FARM
Lancaster County, Pennsylvania - Brecknock Township, Maple Grove Road at the turnpike, old stone home & old barn abandoned buildings - zoned Agricultural. - $300,000.00.
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64 ACRES — $363,600. Dairy farm w/comfort stall & free housing for 50 head, 6/10 mile road frontage, 5 BR house, borders Lebanon & Berks Cos., suitable for Amish homestead.
160 ACRES — $220,000. Dairy farm w/135 A tillable, 25A pasture. 2 silos w/unloaders, bulk milk tank, stanchions & loose housing for 67 head, large implement shed. 5 BR house.
291 ACRES — $225,000. Dairy farm w/161A tillable, 110A woodland, 2 silos, silo unloader, 43 stanchions, bulk milk tank, 2-story house.
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SOUTHERN YORK COUNTY - 75 Acres, 50 tillable, balance pasture & woodland. Two houses, large barn with other buildings. Large warehouse and office previously used by roofing company. **Asking $310,000.**

YORK COUNTY FARM - 153 Acres working dairy farm with large 4 bedroom, 2½ story stone house. Large barn with capacity for 70 cows. 125 acres tillable with balance in pasture & woods. Excellent soil in high state of cultivation. All necessary outbuildings needed for proper management. **Asking $445,000.**

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FOR SALE ***(Highly Productive)***
Crawford County PA Dairy Farm

123 Acres tillable land (more available), 19 acres pasture and 175 acres of timber. 100 milk cow capacity.

Almost full scale push-button farming. 3 on each side milking parlor, individual side opening stalls with flush system and automatic take-off. Stainless steel 3" milk line, heated tile milkhouse, 2,000 gallon tank. Heated office has restroom with shower. Main barn area has 92 free stalls with mats, 3% slope to flush to concrete manure pit. Four feed lots have 2 conveyor units. Plus 10 ton grain bin and electronic scale mixer. Two (2) Seal Store silos (20x86 & 20x50) plus one silo (20x60) — all have bottom unloaders; 40x40 heated machine building with concrete floor, steel siding and roof. Garage & other buildings also included.

2 story Colonial house with built-in kitchen, dining room, living room with stone fireplace, full bath, 4 bedrooms, hardwood floor and full basement. Second house has three bedrooms, kitchen, dining room & bath.

All mineral rights are sold with the property. At the present time there is one active natural gas well on the farm. The potential of this property is great.

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For Sale By Owner

320 Acre Dairy Farm, 210 acres tillable, 130 tie stalls and stanchion barn, silos-20x70, 20x70 and brand new 20x70, feed bunk, 3 unloaders, 4 barn cleaners, machine shed, large 4 bdr. home, 1,500 gal. Mueller bulk tank.

158 Acre Dairy Farm, 131 acres tillable, beautiful ranch style home, 2 story barn 36x120, 14x45 cement silo, brand new 20x70 silo, 40x90 round roof machine shed.

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Blue Chip Elevators
Ray C. Liepke
Box 678, Hwy 29W, Abbottsford, WI
Home 715/229-2505 after 7 PM
Office 717/223-2389 8-5

FARM SHOW SPECIALS

PROCESS YOUR OWN MILK! Ideal opportunity for the entrepreneur farm family. 191 acres at end of lane setting with panoramic southern views over the Mohawk Valley. 2 newer homes plus 40x170-3 story barn with 60 tie stalls. Several outbuildings. Even includes 50 head of cattle & all field equipment plus $100,000 worth of milk processing equipment and retail milk routes. Could also bottle spring water here. Many, many possibilities here. Just use your imagination. Asking $440,000. Wants offers! F417

REDUCED FOR QUICK SALE! excellent 8 room colonial home with fireplace, attached 3 car garage. Must see this quality home to appreciate. Very good 80 cow barn plus YS area. 3 silos. Several outbuildings. 200 acres in top knotch dairy area. Retiring owner asking $219,000. F380.

BEST DEAL AROUND! 200 acres, 3/4 open, bordered by small stream. Older 10 room farm house plus 120x40 pole barn. End of lane setting. Excellent alfalfa soil area. Ideal for hay & livestock. Only $95,000 F412.

OTSEGO COUNTY: large level fields, 477 acres, 350 tillable, 125 cow tie stall barn. Several silos. Good 4 BR home plus newer modular home. Best dairy & crop area. Asking $325,000. C/E available. F379 Come take a look at one of NYS best farm buys!

JUST LISTED - HERKIMER COUNTY: 240 acres, 200 open acres, large level to gently sloping fields. Good 76 cow barn with pipeline. Several barns & outbuildings. 2 silos. Original 10 room farm house. Can't be beat at $164,500. Full line of equipment available.

NEAR COOPERSTOWN in a beautiful country setting. 170 acres bordered by Cherry Valley Creek. Operating barn for 50 head. Large equip. shed. Federal style 10 room home plus several outbuildings. Retiring owners. $139,000 F410.

BEST SOIL IN THE NORTHEAST 335 acres of river bottom land, bordering flowing Creek ideal for irrigation. Excellent for all crops, vegetables and turf. Thriving salesbuilding for vegetables, baked goods, gift shop, large refrigerated storage facility, many other buildings, excellent pre-revolutionary home. Retiring owners. Located just west of Albany, NY.

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36 REAL ESTATE

CUMBERLAND COUNTY: 67A m/l farm, pond, stream, woods, road frontage, fenced, $137,500. 56A m/l farm pond, fenced, brick house, barn, $138,500. 156A dairy farm $265,000. Ask for Ed Meyer for details. JACK GAUGHEN REALTOR 717-243-8080; 717 243-1030 Home

DAUPHIN COUNTY- 310 acre. farmland, will divide. Lykens Valley 717 365-3898.

Farm needed- lease to purchase- from farmette to unlimited acreage- from Lancaster west into Lower Dauphin and Cumberland Counties. All other areas in PA considered. Replies welcomed (717)464-4135 MERKEY 825 Beaver Valley Pike, Lancaster, PA 17602.

Feed Mill for sale. 2.5 acre complex, equipped ready to operate, 8 silos and modern grain dryer, 150,000 bu. grain storage, truck scales, 7 outside steel grain bins, remodeled store front and rest room, on major railroad, high volume water well, (1) 3-bay truck garage and (1) extra large 3-bay storage. $75,000 complete or will negotiate with equipment removed. Ernest Frank, (717)264-6148. Central Franklin County.

FOR RENT: 256 acre farm, 140 to 150 acres tillable, 4BR, bath, 2 LR, kitchen downstairs, hot air/oil heat. 717-463-3701 ask for Gerald

For Rent: Union County, 128 acre dairy farm, 58 free stalls, 2 large silos, heifer barn, maternity area, gravity flow manure, TMR setup. (717)568-0060 weekends.

For sale: 80 farm dairy barn 38'x200', 74 tie stalls, 8 box stalls, 3 silos, bank barn, pole barn, 4 bedroom house. Reply to: J-40 %Lancaster Farming, P. O. Box 609, Ephrata, PA 17522

Indoor spaces available now! Accepting application for outside space for the Spring season. Please contact Paul Horst at Horst's Farmers Market & Auction, 3 miles north of Lebanon on Rt. 72. Call (717)274-0762 or (717)865-3226.

L15-L21- JUNIATA COUNTY -Ready to build. Several homesites and/or camp sites, perked, electric and phone. Bldg and driveway permits included. 2-10 acres available. Priced $10,500-$24,500. CALL FOR DETAILS. Call CENTURY 21 G&B Associates. 717-527-4127.

Mifflin County, 75A farm, 65 tillable, large barn, large 4BR farmhouse built 1800's. Must Sell $186,000. Coldwell Banker Kerstetter Realty. 717-248-2122. Rick Smeltz 717-667-2006

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House, implement shed and outbuilding, grain storage, 500 head swine finishing barn, 20x100 pit ready for new structure on 5-10 acres located near village of Benfer, Snyder County, $110,000

Acreage and prime negotiable

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52 ACRE DAIRY FARM WITH 2 HOMES AND 3 BARNS. 200 cow Penn State barn with 2 24x90 silos, additional acreage available. $160,000.

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FARMS
CUMBERLAND COUNTY

Beef- Hog Farm 157 Acres gently sloping sandstone soil, 5 bdr. stone and alum. dwelling, 50x125 bank barn, implement building, silage storage, mountain stream. For details call Charles.

General Farm 100 Acres 6BR dwelling, bank barn, implement building, beautiful view of valley, road frontage. Call Charles.

32 Acre Farmette Western bank barn, 3 bdr Cape cod dwelling plus a double wide M.H. Beautiful view, spring. Owner will subdivide, call Charles.

Franklin Co. 86 Acre general farm, limestone soil, bank barn, 6 bdr. frame & log dwelling, spring fed stream, near Willow Hill interchange of PA Turnpike.

Charles Wenger, GRI, 263-0945
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71 acres, excellent hunting, southern exposure, septic, open and wooded land, views. $51,000. W-1149.

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255 ac. dairy farm, 40 cow barn, glass pipeline, barn cleaner, silos, bulk tank, calf barn, heifer barns, corn storage, 4 bulk bins, lg 4 bdrm house + 2 bdrm mobile home, Exc. land, Century farm offering at $290,000. W-1113.

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Northumberland Co.

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Dairy Farm, 19 mi. N of Bloomsburg 99 Acre, 73 tillable, 53 comfort stalls, 20x60 Harvestore, 20x60 stave, bunk feeder, bulk tank, 4 BR frame house. $279,500.

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Mini-estate in Cumberland Valley. Nice sized home in excellent condition overlooking the Valley. Seclusion, privacy, and many amenities.

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127 Acre Farm with good buildings, a stream and privacy galore! $160,000.

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- Large 2 sty house, barn, 145 acres (112 wooded) Fishing Creek thru property $232,900.

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- Price just reduced on this 79 acre farm with 2 sty house, barn, good location $199,000.

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SECLUDED HORSE FARM

47± Acres offering total privacy. Main home with fully appliance cherry kitchen, knotty pine living room, formal dining room, 3 bedrooms, large bath with whirlpool tub. Second home with kitchen, large living room, den, 2 bedrooms, bath, carport & deck. 2 car garage, bank barn with 5 box stalls and tack room, machine shop, 4 stall barn, 2 outside riding arenas. Located in Columbia County near Benton.

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77 Cow Dairy Farm: 245 acres with 215 tillable, pipeline and bulk tank, machine shed, 3 silos, 3 bdrm home. Located East of Amery, WI. $140,000.

250 Cow Dairy Farm: 450 acres with 412 tillable, double 9 milking parlor, 4 Harvestores, 2 cement silos plus Slurrystore, cattle sheds, modern 3 bdrm home, located South of Clear Lake, WI, $375,000 Contact. Tom Sitz, Farm Credit Services, River Falls, WI 715-425-8185.

358 Acres, 181 tillable, 60 free stall, double 8 milking parlor, 30x130 hog barn, completely equipped, 2 good homes, other good buildings, Grant County, 11 miles west of Lancaster, WI. $264,500.

239 Acres, 144 tillable, 86 stall dairy with 2" pipeline and equipment, 2 stave silos, one Harvestore, machine shed, newer 4 bedroom home (Built in '81) $135,000.

120 Acres, 95 tillable, 40 stanchion barn, 2 stave silos, 48x100 machine shed, 3 bedroom home, 6600 bu grain bin, highly productive soils, 3 miles South of Gratiot, WI $127,500.

483 Acres, 230 tillable, 61 stall barn, completely equipped, Slurrystore, 4 Harvestores, 2 Hercules - 2 Goliath unloaders, nice older farmhouse, 3 miles west of Boaz, WI $225,000.

100 Acres, 61 tillable, 30 stall barn, completely equipped, 2 Harvestores, 5 bedroom 2 story house, good starter farm, 4 miles NE of Viola, WI $77,000

315 Acres 191 tillable, 70 stall newer barn, 3 stave silos, 1 Harvestore, machine shed, old barn, 5 bedroom home, 3 miles South of Hillsboro, WI $185,000

Contact Lindsey Olson
FARM CREDIT SERVICES
Viroqua, WI 54665
(608) 637-7058

For Sale

50 Acre Juniata County Dairy Farm Near Richfield
2 Barns 1 (72) tie stall cow barn, (1) heifer barn pipeline milker, silo. 4 bedroom 2 story house, all in good condition
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PERRY COUNTY: A rare find! 100 acres m/l in Penn Twp. Property includes a 2½ story farmhouse w/2-car garage. Acreage is mostly tillable or could be developed. Road frontage possible subdivisions, small stream w/spring, number of wooded acres. $239,000. Call Century 21, Pace/Pace (717)582-8104, (717)957-3866.

PERRY COUNTY: A rare find! 100 acres m/l in Penn Twp. Property includes a 2½ story farmhouse w/2-car garage. Acreage is mostly tillable or could be developed. Road frontage possible subdivisions, small stream w/spring, number of wooded acres. $239,000. Call Century 21, Pace/Pace (717)582-8104, (717)957-3866.

PERRY COUNTY: 2½ story farmhouse nestled on 117 acres w/maple, chestnut & walnut trees. Spring & stream on property. Bank barn 82x45. Pole barn 64x56, 2 hog pens and many other well-maintained buildings. $196,000. Call Century 21, Pace/Pace (717)582-8104, (717)957-3866.

R-49 1800 GERMAN/GEORGIAN STYLE HOME. On 2.9 acres. This home takes you back in time w/its 3 large fireplaces, handmade doors, exposed logs and beams. Some remodeling done, but you can add your own touches. Call for your personal tour today. $75,000. Call CENTURY 21 G&B Associates. 717-527-4127.

R52- JUNIATA COUNTY FARM -78 Acres, M/L 72+ tillable. 2 story log and frame house, 7 rooms, 5BR, Kit/Dining combo. Large LR, Master BR, 23x13.2 story bank barn and other outbuildings. Spring feed pond and small stream. Road frontage on hardtop road. No deed restrictions. Conveniently located to churches and stores. $159,000. Call CENTURY 21 G&B Associates. 717-527-4127.

R58 WALKER TWNSHIP FARM ½ Miles from Mifflintown. Raised ranch home, Kitchen, DR, 3BR, familyroom w/fireplace, laundry room, full attic. Has inground pool, tennis courts, paved driveway. Purchase from 2 acres up to 50 acres. 40x72 barn and miscellaneous outbuildings. Call CENTURY 21 G&B Associates. 717-527-4127.

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Wanted, agricultural land, 25 to 50 acres, southeast Lebanon Co. or northeast Lancaster Co , near Texter Mountain Write Box J-41, %Lancaster Farming, POB 609, Ephrata, PA 17522

Wanted to Rent or Rent With Option to Buy -Livestock farm in Western Franklin or Eastern Fulton Counties. 215-286-6845.

54-Acres land, completely fenced w/stream, beautiful for several farmettes. Asking $2,995 00/acre. Phone Evenings. 717/866-6441.

60 acre farm, (45 tillable, 5 pasture, 10 woods), w/ stream, 3BR farmhouse, 50x50 bank barn. Wakefield. (717)786-4537.

2 JUNIATA COUNTY PA FARMS/ORCHARDS
40 MI. N OF HARRISBURG

121 acres - 42 acres in peaches, apples, pears and other fruit, balance woodland, very secluded 2 story 4 bedroom dwelling.

181 acres - 70 acres in apples and peaches, few plums and cherries, 20 acres cleared ready to plant in your choice of fruit or grain crops, balance in woodland. Small spring fed pond. Large 2 story dwelling w/ attached 2 car garage, 1½ story dwelling, 40x80 packing shed, 40x60 cold storage, 2-40x60 machine sheds, 24x40 work shop, several other small sheds.

These farms are within 300 feet of joining each other and are both owned by the same family. Sellers will sell one farm or both, w/or w/out dwellings, w/ or w/out fruit equipment and machinery. These farms are very secluded with easy access and have a lot of frontage on good TWP roads with no traffic. Both farms have a lot of subdivision potential. Orchards are well maintained and in a good state of production. Most apples are young trees. We are not publishing the prices due to these farms having a lot of options as to the way they can be purchased. **OWNERS WANT TO SELL.** For information, contact:

LARRY LONG REAL ESTATE
RD#2 Box 410
Port Royal, PA 17082
Ph. 717-527-4784

Lycoming Co.

Muncy Area 136 Acre Dairy Farm 52 cow tie stall barn, 3 silos, wagon shed, 4 bedroom house & more. This desirable river bottom farm must be seen to be appreciated. ¾ mile approximate river frontage. Buildings don't flood, high state of cultivation. Other farms available in Lycoming and Northumberland Counties. Call Fred Clark (717) 393-2437.

York Co.

270 ac. plus more available of young fruit trees and grain farm. This property is complete with Roadside market, packing and cooling facilities. The land is in high state of cultivation and very productive. Owners are selling due to their age however the trees are a long way from retirement as most are very young and productive. The fruit crop is very good this year and the fruit is good size. There is a pond and very good stream for irrigation and they are now pumping 500 gal. per min. from the stream. Call Sandy Leaman for a confidential showing and interview. @ (717) 393-2437.

Blair Co.

130 acre dairy farm in the Martinsburg area. This farm has a very good stream, some woodland, gentle slope and very fertile soil. Call Sandy Leaman for more info. @ (717) 393-2437.

Fred Clark is back again as a full time Real Estate agent and will be glad to work at selling your farm in any County. Call and ask for Fred.

"We will sell your farm at Auction or by Brokerage" Call for details.

SANFORD G. LEAMAN, REALTOR
1000 N. Prince St.
Lancaster, Pennsylvania 17603
(717) 393-2437 • Fax (717) 396-7143
1-800-836-8113

CUMBERLAND CO. PA

* * * * *

75 ACRE FARM FOR SALE - 55 tillable. Circa 1840 Double stone wall 2½ story farmhouse. Major remodeling is done. Stone barn, a pond, two streams & woods. Call today for plot plan & brochure. **$215,000**

7 ACRE FARMETTE - Nestled in a quiet, secluded hollow with lots of trees and wildlife. 30x40' bank barn, stream, 2 wells, and a 4 bedroom home w/2 baths and country kitchen. No zoning allows possibilities for Christmas tree farm, horse farm, etc. **Only $85,000**

PERRY CO. PA

* * * * *

40 ACRE FARM - 20 acres tillable, 10 acres fenced pasture, some woods, streams & pond. 70x140 Bank barn in great condition presently set up for lambing operation. The 7 bedroom farmhouse has been partially restored w/exposed log walls & plank flooring. Call for details. **$160,000.**

GARMAN REALTY
717 - 249-7200
Day or Evening

GREAT FARM BUYS FOR '92

Good farms with good land and buildings!

#1181 - New on the market. Located near Lake Ontario with long growing season. Nice location for a new Mennonite Church Group, on quiet road. More farms available in the area. 115 acres mostly flat land. Very productive soils. Excellent two story dairy barn, 66 tie stalls, 2" pipeline, 1000 gal. tank, stationary mixer wagon with 3 silos. Large machinery building with heated shop. Very nice nine room home. Dairy of Distinction Farm. Price is firm. $200,000.

#1160 - Near the above farm. 300 acres, very productive, land lays nice. Two story barn, 48 tie stalls on 2" pipeline, 1000 gal. tank, 22 additional stalls, 2 silos. Eight room home in good repair. Located on quiet road. Local banker says this farm is a money making farm. $189,000.

#2049 - FREESTALL OPERATION. Family problems forces the sale of this good farm. 130 freestalls, double 5 parlor, 4 large silos. Two story conventional barn for cows or heifers and calves. Manure lagoon, nice 3 bdrm. home located on quiet road. Price has been reduced to $245,000 for quick sale. This is a great buy!

We have several reasonably priced farms located in this area. Top dairy farming area, beautiful farms. Great for an Amish or Mennonite church:

#1172 - 100 acres, 48 cow two story barn, 2 silos, 10 room home. $130,000*** **#1164** - Just up the road, 180 acres, two story 50 cow barn, 10 room home. This is a showplace farm. $130,000. Cattle and equipment available on both of these farms.

Also next door *** 200 acre farm with 60 cow barn, two silos, ranch home. Also nearby 400 acres, 90 cow barn, 8 rm. home plus mobil home. This is a showplace farm. Good milk markets a real future for dairy farming in this area.

Call for an appointment, spend one or two days with Dick Posson or his son Mike. They won't waste your time. Call for appointment.

POSSON REALTY
R.D. #3, Norwich, N.Y. 13815
(607) 334-9727
1-800-334-4399

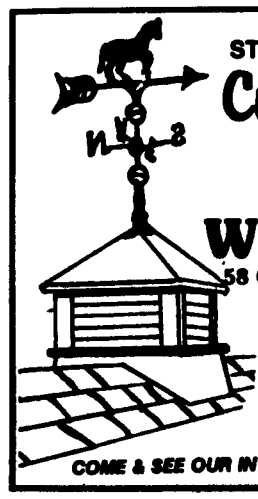
WANTED - FARMS TO SELL!

430 Acre Farm	SOLD
69 Acre Farm	SOLD
84 Acre Farm	SOLD
98 Acre Farm	UNDER CONTRACT
43 Acre Farm	UNDER CONTRACT
87 Acre Farm	UNDER CONTRACT

We are about sold out of farms. If you plan to sell your farm, call the people with proven experience. We have QUALIFIED BUYERS for Good Dairy Farms.

Call: Farm Dept.
HEYWORTH REALTY
Lawrence Stouffer
Of: 1-301-733-3701
Eves: 1-117-597-2584

FOR GARAGES, HORSE BARNS, GAZEBOS, STORAGE BARNS, COMMERCIAL BUILDINGS, ETC.



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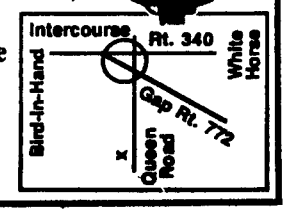

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36 REAL ESTATE

156 acre dairy farm, 135 acres tillable, 2 houses, double four milking parlor, 3 silos, 60 cow free stall barn, machine sheds & granaries. 412-668-7458

190 acre dairy farm, 165 tillable, 40 stanchions, 39 free stalls for heifers. Could be divided to make two farms. Call (814)422-8610.

225 Acres, Southern Juniata Co., 70% wooded, excellent hunting, fishing, Tuscarora Creek, priced for quick sale. $150,000. Call Dan Rogers at Re/Max Quality Service 1-800-634-0081.

26+ acre farm, bank barn w/2 attached sheds, silo, 6 room house, also small tenant house, stream through meadow, spring and well. Noah Yoder, SR1, Box 34, Aaronsburg, PA 16820.

50+A, Juniata Co., farm/hunting-camp/vacation/residence, woods, fields, streams, 3-BDR. home, standard septic, barn, privacy, hunting, $79,900.00. 717/734-3528.

7 acre farmette Mifflin County. Large 7 room house, bank barn, garage, wagon shed, hog barn and old butcher shop. Features nice country setting, small stream, cable TV and just 10 miles from the Belleville Auction. (717)248-4199.

Thinking of marketing your farm?
You need to call on the experience of Harry Zimmerman for professional confidential service.
TOWN & COUNTRY REALTY
717-299-4885 Office
717-355-2048 Home
1-800-472-2641
717-575-2542 Car Phone

LANCASTER COUNTY, PA

1. 120 Acres (M/L) working dairy farm (96 T.A.) 5 Silos - Both Free Stalls & Tie Stalls. Road Frontage on Three Sides! 1st Class Operation!

2. 10 Acres Working Horse Farm w/Double Farm House & New Horse Barn - Three Other Buildings. "Super Good Investment".

3. 11 Acre Tract (Lots of Road Frontage) w/Dairy Barn & Historic Old Stone & Frame Dwelling in Salisbury Twp. 1 Mile North of Rt. 340.

PERRY COUNTY, PA

1. Picture Perfect Working Dairy Farm, 51 Comfort Stalls - 50x90 Equip. Shed, Fabulous House - Even Swimming Pool on 144 Acres. Possible Cattle & Equip. Also.

2. Next Door to #1 - 142 Acre Dairy w/44 Comfort Stalls, Pipeline, New Barn Cleaner, Large Milk House Out Front of 3 Bay Bank Barn. Land Lays Real Nice w/Stream Thru 20 Acre Pasture. Large Frame House w/One Bath, Needs T.L.C. Immediate Possession Here!!

MAHLON OBERHOLTZER AGENCY
Your Central PA Farm Broker
Smoketown, PA 17576 (Lanc. Co.)
717-392-1177

PERRY COUNTY
3 Bedroom Brick/Alum. Rancher on 4.6 wooded acres near Kistler. Basement has family room with new chimney for woodstove and a cold-cellar. New well, large storage shed, carport, above-ground pool. Great hunting area. $89,500.
Call Kay at
(717) 582-4070
STRATFORD REALTY
(717) 582-8886

26 A, fencing, no buildings, great view, $177,500.

Akron farmette, split level home, only 5 years old, excellent shape, 6 A, $295,000.

Modern Horse Barn w/23 stalls w/race track, plenty of fencing, 35A, Eastern Lanc. Co., $224,000.

KINGSWAY REALTY
717-569-8701

Berks County
85 acre dairy farm, free stall for 84 cows, milking parlor, 2 silos, manure pits, bank barn, implement shed, 2 corn cribs, 3 BR brick house, summer house, more land available. Possible owner financing. Development potential.
215-488-7468

Southern Lancaster County
- Farmette, country setting close to town 4 BR house, garage, and large barn suitable for horses on 2 8 acres. A good well plus a 4 year old heat and septic system
- 2.8 acre building lot w/all permits approved. Ready to build. Close to Quarryville on Rt. 372.

717-786-3721

CENTRAL PENNSYLVANIA RURAL PROPERTIES

BLAIR COUNTY

BACHMAN HOLLOW - 171 WOODED ACRES with small stream, township road frontage on two sides. Possible owner financing. $93,500.

CENTRE COUNTY

(JUST LISTED) BELLEFONTE AREA - 151± -acre GENERAL FARM with house and barn. Great for horses or beef cattle.
(JUST LISTED) BELLEFONTE AREA - 172± -acre HORSE FARM with 3 houses, large barn, and horse facilities.
LIVONIA - Large, 2-story log cabin on 7± acres has 4 bedrooms and 2 baths. Within walking distance to state forest (excellent hunting area). $129,900.
PORT MATILDA AREA - 10± WOODED ACRES, nice home site, located off Route 322W.

MOSHANNON AREA - 7± WOODED ACRES, good camp/cabin site. $17,500.

UNIONVILLE AREA - 99-ACRE PROPERTY (50 tillable, 8 pasture, 40 woodland), 2-story home, metal 3-bay garage, implement shed, good potential for horses. Bald Eagle Creek runs through property. $174,900.

COLYER AREA - 31-ACRE FARMETTE with 2-story home (currently 2 living units), 2-car garage, stocked pond, large/11-stall/bank barn, $195,000.

SCASD - 28-acre **FARMET** PENDING stone house, large barn, outbuildings, stream, etc. $29

SNOW SHOE - **450+ WOODED ACRES,** Small stream, adjoins state land, to be surveyed. $425 per acre or smaller parcel possible. (Approximately 100 acres).

COLYER - FARMETTE on 4.19 acres features 2-story home which was built in 1989 and barn and electric fence for horses. The house offers 4-5 bedrooms, eat-in kitchen with GE appliances, fireplace, first-floor den and family room. $389,000.

CLINTON COUNTY

CLINTONDALE AREA- 120± ACRES (60 tillable, 60 mature woodland), bank barn, Little Fishing Creek flows through parcel, adjoins state forest land. Possible owner financing. $259,000.

HUNTINGDON COUNTY

McALEVY'S FORT- Only 2 WOO[illegible]S remaining (4.43 and 3.33 acres) 17 miles from State College, excellent SOLD l or permanent home site, conventional septic approved. $21,900 eac[illegible]

MIFFLIN COUNTY

MILROY- 100 wooded and secluded acres of LAND with 2 natural springs. Well and septic needed. $75,000.

OTHER LAND PARCELS AVAILABLE.
CALL OR WRITE FOR A FREE LIST.
WANTED: Rural land and farms. Have buyers, will list.

Farm and Land Division
Fred Strouse (814) 234-4000
Scott Yocum (814) 466-3150
Terry Gingher (814) 466-2118
Bob Connolly (814) 383-4336

KISSINGER LEONARD & BROWER Realtors

245 South Allen Street
State College, PA 16801
1-800-876-3395

The Professionals in Farm Real Estate Service

4 COUNTIES REALTY, INC.
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Chadwicks, NY 13319

OFFICE PHONE: 315-737-4489 TOLL FREE: 1-800-736-4089

#101 - A great investment opportunity! 445 acres w/9000 ft. of road frontage - A working dairy w/150 ac. tillable, 212x36 ft. 2-story barn w/76 ties & barn cleaner, pipeline & 800 gal. bulk tank. 60x32 ft. heifer barn-125 acres of woods, a one acre pond plus smaller pond, 2 streams (one stocked w/trout), add to the recreation value of this property listed at **$285,000.**

#130 - 801 acre dairy & crop farms w/272 A. tillable - exceptionally well-kept properties w/3 homes, 3 barns, 5 machinery sheds & 3 concrete & 1 Harvestore silo- plenty of water w/3 ponds, 3 wells, 1 spring - this is an excellent opportunity for investment, or for someone interested in owning a beautiful dairy of distinction farm - offered at **$890,000.**

201A-350 acre dairy farm w/325 tillable - 74x176 ft. barn w/144 stalls & separate calf room, double-six herringbone parlor w/12 units - milk house w/office, utility room, bathroom & shower. 20x60, 20x50 ft. silos, 2-family home - in good condition - offered at **$425,000.**

#306-122 Acre dairy farm with 110 Ac. tillable -90x40 ft. two-story barn w/38 stanchions & 12 heifer ties - 540 gal. bulk tank - Surge milkers w/dumping station - 14x40 ft. concrete silo - plentiful water supply & trout stream - An excellent starter farm with good home & bldgs. - reasonably priced at **$165,000.**

#500-550 acre dairy farm w/good alfalfa ground - NO LIME NEEDED - large 2-family home, 14x70 ft. trailer home w/peaked roof, 40x240 ft. barn w/104 stanchions, 2 in. pipeline & Surge units, 60x40 ft. machinery shed, #40x35 ft. shop w/apartment overhead, 25x80 ft. Harvestore silo w/unloader, plus 2 lrg. concrete silos w/unloaders. Listed at **$578,000.**

GIVE GEORGE DEMEREE A CALL 4 ALL LAND AND FARM NEEDS.
HOME PHONE: 315-823-0288

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Residence: (814) 422-8111
KENNETH L. HALL
Residence: (814) 387-6273

FARM & RURAL PROPERTY DIVISION

CENTRAL PENNSYLVANIA FARMS AND FARMETTES

CENTRE COUNTY

NEW LISTING #5189FL 2 RURAL LAND PARCELS, 12.6 & 41.2 ACRES $49,500 AND $69,500
* Situated in Georges Valley between Spring Mills and Potters Mills
* Overall gently to moderately rolling topography
* These parcals have public road frontage, very nice settings and ideal farmette sites, 20 minutes from State College.

#5034FL 2 RURAL ESTATE SIZE LOTS APPROX. 19 & 20 ACRES $45,000-$42,500
* Situated in Georges Valley between Spring Mills and Potters Mills.
* Gently to moderately rolling topography
* Each of these lots have very nice settings with extremely nice views. The land is all tillable on the 19 acre lot and mostly tillable on the 20 acre lot. The 19 acre lot also has a potentially private setting for a home.

#5967FA GENERAL FARM STATE COLLEGE AREA $395,000
* Approx. 102 acres with 79 acres tillable, 12 acres pasture, 6 acres wood, 5 acres site and misc.
* 2½ story brick home built in 18[illegible] nice condition, 45x101' bank barn, with 25'x70' st[illegible] PENDING e block garage, implement shed, 12'x40' silo.
* Situated 8 miles from[illegible] College this farm has gently rolling limestone soil substantial public road frontage and approx. 8½ % owner financing.
* Well suited for bed & breakfast.

#4823FL -RURAL LAND SPRING MILLS AREA $147,500
* Approx. 80 acres with 35 Acres +/- tillable, 13 acres woodland, balance pasture
* Intermittant stream, outstanding views, some subdivision potential

#2473 FB GENTLEMAN FARM, STATE COLLEGE - $350,000
* 26 Acres - 24 Acres highly productive, tillable plus 2 acres site.
* 2½ story brick house with 3 finished floors and new cherry kitchen, and 2 story bank barn.
* Ideal for horses, only 3 miles from town.

#3637FA-GREENHOUSE OPERATION CENTER HALL AREA $164,500
* 7.22 acres substantial road frontage on Route 144, substantial Sinking Creek frontage
* Approximately 10,900 square feet of greenhouse area plus headhouses and a sound 2½ story home.
* This business has a very well established local trade approximately 14 miles east of State College. This property has been well cared for and is in good condition.

HUNTINGDON COUNTY

#3621FA - GENERAL FARM, WARRIORS MARK AREA $310,000
* Approx. 371 Acres (131 acres tillable, 218 acres woodland suitable for clearing, 2 acres site, 20 acres woodland & misc.)
* 2½ story house w/most rooms remodeled.
* Soils on tillable land are primarily Hublersburg silt loam & Morrison sandy loam. 218 acres of woodland suitable for clearing & farming are mostly Hublersburg silt loam, 2-8% slope. Hublersburg & Morrison both have excellent productivity potential. **Irrigation potential.**

#134 FA - RIVER BOTTOM LAND - ALEXANDRIA AREA - $99,500
* 55+ Acres (45.6 tillable, highly productive)
* Ideal for truck cropping and irrigation
* Situated in an excellent location for direct (roadside) marketing

CLINTON COUNTY

* Several excellent hunting camp land parcals, 10 to 50 acres in size, level topography wooded, near Sprool State Forest, $500 to $1200 per acre.
* 127 acres joining Sproll State Forest, beautiful native trout stream, gently rolling topography, $57,300

DETAILED BROCHURES ARE AVAILABLE FOR EACH OF THE LISTINGS ABOVE. MANY 10 ACRE TO 400 ACRE WOODED TRACTS AVAILABLE IDEAL FOR CABINS AND HUNTING - FREE LISTS.

Adams County

Approx. 100 acres with stream, 4 acre lake, well & septic. Nice view. Sewer available. Road frontage. Ideal for development and golf course or farming. Will sell all or part. Restrictions on land.

Call eves.
717/677-8881 til 9:30

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Mifflin County On 315 Acres, Utilities.
One Hr.
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Hiking, Swimming, Biking, Hunting, Fishing, Skiing.
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Modern Hog Operation For Sale By Owner

Attractive Farm in Central Delaware. 68 acres with 46+ tillable. Ranch home, outbuildings with 175 sow farrow thru feeder pig. 12,500 bu. grain bin. Call for more details. Contract available to qualified buyer, using Pic Genetics. No Sunday Calls. Farm in Amish Settlement.

$335,000
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ATTENTION PORK PRODUCERS PRICE REDUCED!!

Owner motivated to sell: modern 275 sow farrow to finish pork production facility on 260 acres.

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Wilson Hoffman R.E.S. (215) 845-2443

TIOGA COUNTY

• 20 acres and 30 more available 200 veal calf set-up with slurry system, with all modern equipment and storage space for everything necessary. 4BR house, frame log and stone 10 years old, 2 baths, $298,000.

• 182 acres m/l dairy farm, 53 tie stalls with 2- 16x55 concrete stave silos, shop 30x30, horse barn 30x52, 2½ " S.S. pipeline milkers, 500 gal. bulk tank, bull pen, heifer barn. 2 story frame house with aluminum siding, "big" modern farm kitchen with solid oak cabinets, LR, DR, laundry, office, wall to wall carpet throughout, 3 BR, 2 full baths, plus attic, $200,000. Cattle, Machinery At Extra Cost.

BEDFORD COUNTY

• 454 Acres m/l With About 2,000' Road Frontage. Approx. 280 Tillable And Contoured. 100 Acres Of Woodland, Rest Pasture, Spring Fed Ponds And Small Streams. House Needs Rebuilding, Trailer Site On Property, Barn Needs Repairs, With 1 Good Free Stall Building With Silo On Property. $495,000.

• 191.26 Acres m/l, 155 Tillable, Gently Rolling Long Fields, Good For Corn And Alfalfa, 30 Acre Woodland, 6 Acres Pasture. 86 Free Stall Barn, With Divided Feeding, Double Six Milking Parlor, Low Line Automatic Take-Off. 1,500 Gal. Bulk Tank, With Washing Equipment, Etc. 4 Silos, 1 Poured Concrete For Haylage, 16x60, 1- 20x70 Concrete Slab For Corn Silage, 2- 12x40 Used For Shelled Corn With 150x30 Trench. Also Has Large Slurry Pond. 2 Houses In Good Condition, All Modern Conveniences. 1 Brick 2 Story 9 Room, 1½ Bath, 1 Frame With 4 BR, 9 Rooms, 2 Baths. Price $750,000 With 100 Very Good Dairy Cows And 70 Heifers. Must See This Farm To Appreciate It! It Has A Lot Of Road Frontage.

NORTHAMPTON COUNTY

• 68 acre dairy farm, 4 stall surge milking parlor with feeding, 39 free stalls and loose housing and heifer barn, 1600' M/L road frontage on Rt. 191, large frame house and small summer house, needs repairs. 65 building lots laid out by engineer. Call for details. $595,000. Price Negotiable.

COLUMBIA COUNTY

• 350 Acres Steer or Horse Farm, on Gently Rolling Land, Good Alfalfa and Corn Ground. Remainder of Land $2500.00 Per Acre. Must Buy as Least 12 Acres. Lots of Road Frontage. Price Negotiable.

• Nice Place to Build your Dream Home! 70 Acres with Stocked Farm Pond. Lots of Road Frontage on Rt. 44. 1 Mile North of Jersey Town. $175,000.

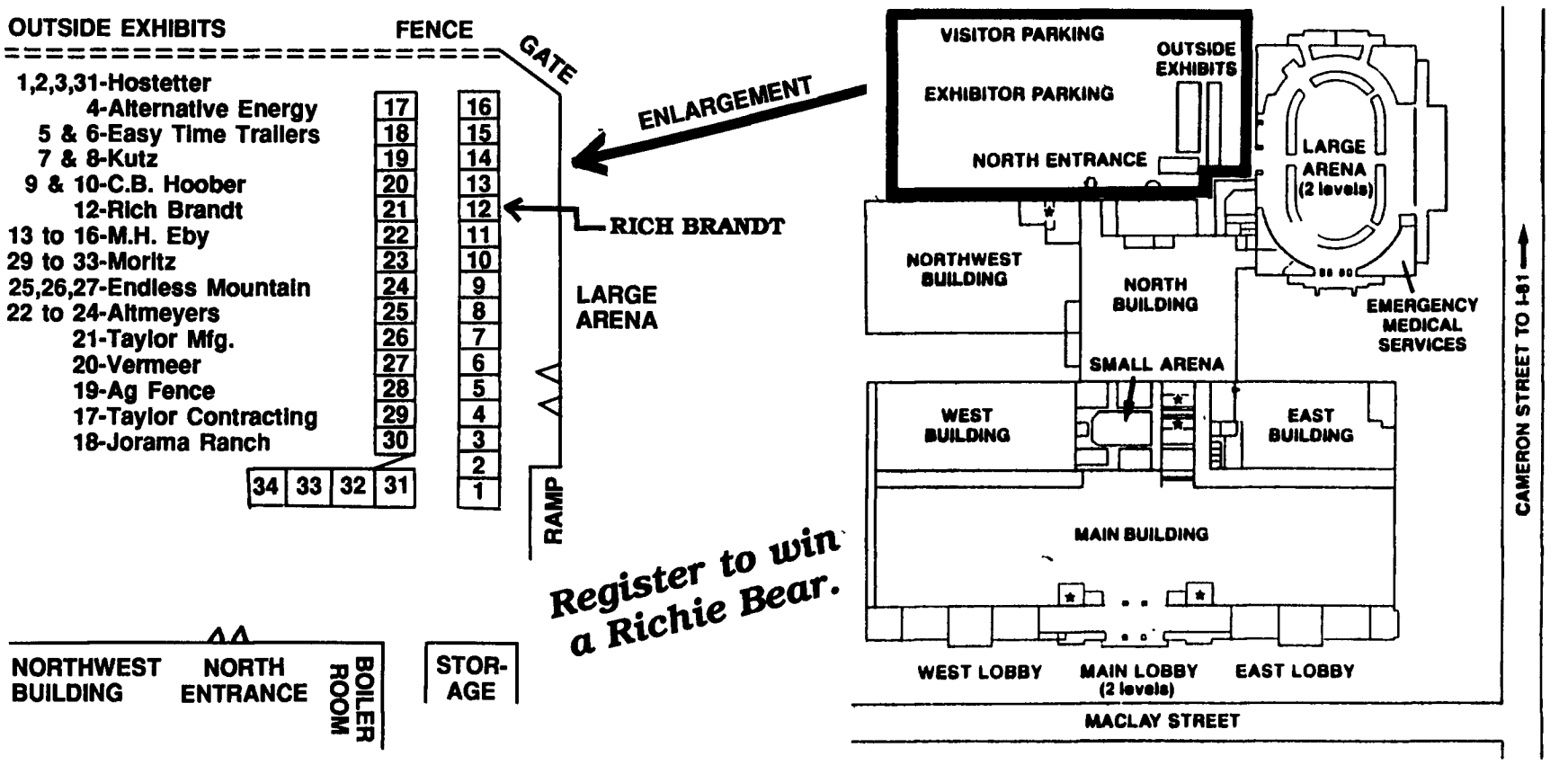
• 13.25 Acres ½ Wooded, ½ Open With Road Frontage, $30,000. Call Paul Zeisloft 717-437-2305.

BRADFORD COUNTY

• Dairy Farm 480 Acres M/L Price $680,000. 2 Houses Both 2½ Story, 1 very Large Bedroom, Center Stairs, Large Farm Kitchen, 2 Baths, Large LR/DR, Office and Sewing Room, Lg. Family Room, Full Basement, Oil/Hot Water Heat. This House was Completely Refurbished. Tenants House Completely Redone. Oil/Hot Water Heat Baseboard, Lg. Kit., Dining Area, 3BR, One Car Garage Attached. 174 Free Stall Barn, with 7 Computer Feeding Units, 13,000 Bu. Grain Storage with Grinder Unit and Mixing Unit to Handle 200 Head Dbl. 8 Stall Milking Parlor, with New Automatic Take-Off, 2- 1500 Gal. Bulk Tank, 3- 24x60 Concrete Stave Silos with 1- 20x60 Concrete Stave Silo all with Unloaders and Grain Storage and Mixing Area for Feeder Wagon Feeding in Both Barns. Heifer and Dry Cow Barn for Graded Stalls and Feeding Area and Catching Area, 125 Head. Farm Plans for Setting Up Gravity Flow Manure Holding Area. Big Machinery Shed in Enclosed Repair Area. Cattle and Farm Machinery Available at Extra Cost.

YOUR

PA FARM SHOW
OUTSIDE EXHIBITOR GUIDE



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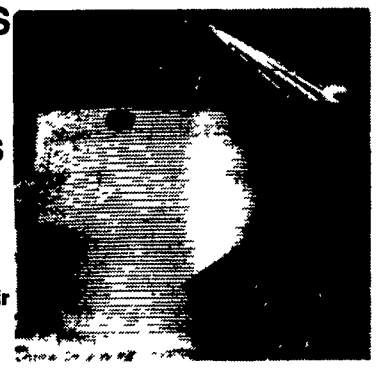

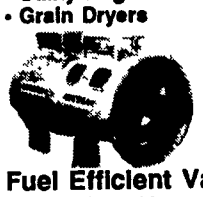

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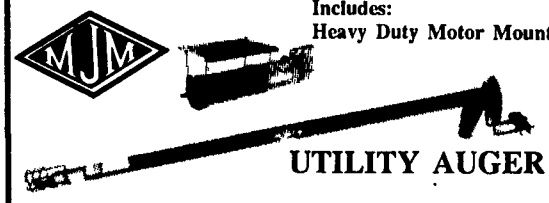
Complete Utility Auger is shown below. Complete assembly includes intake guard and adjustable intake sleeve, metal spout, motor mount, pulley, belt and shield (everything except motor and motor pulley).

Includes: Heavy Duty Motor Mount



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BF7786716	12.7	7'	24.85	$1,429	$1,069	$360
BF7936016	14.3	9'	20.10	$1,453	$1,089	$364
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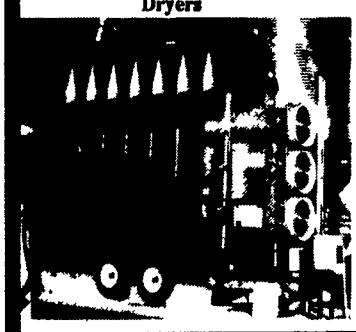

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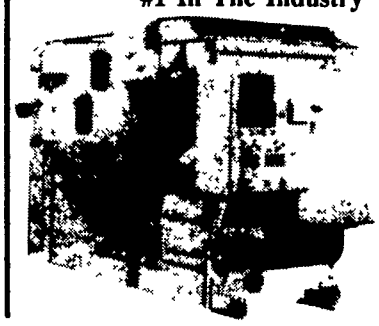

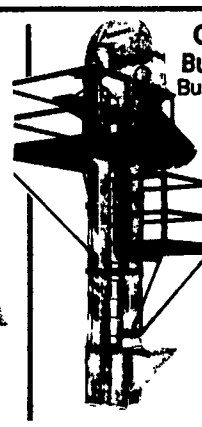

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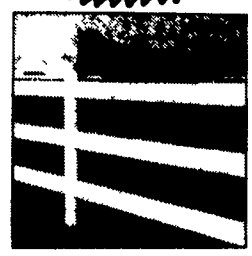

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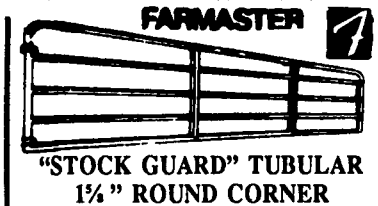

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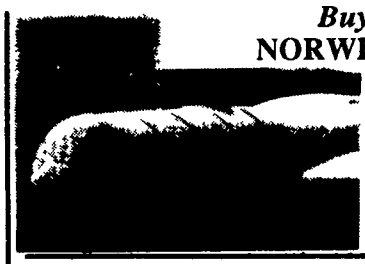

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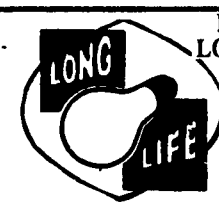

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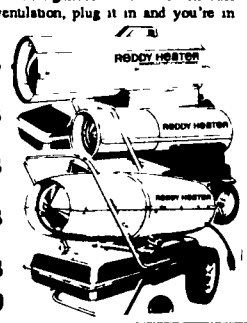

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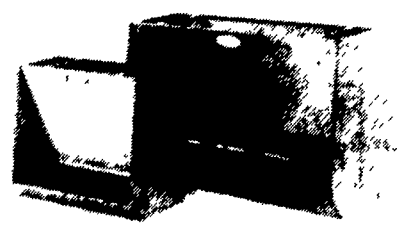

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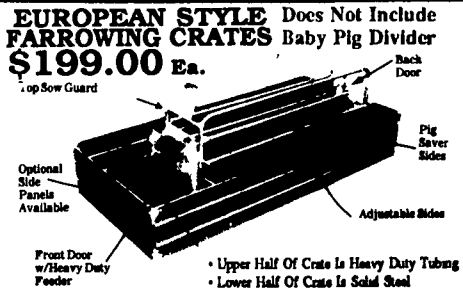

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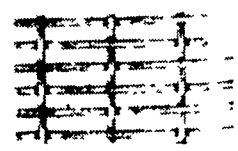

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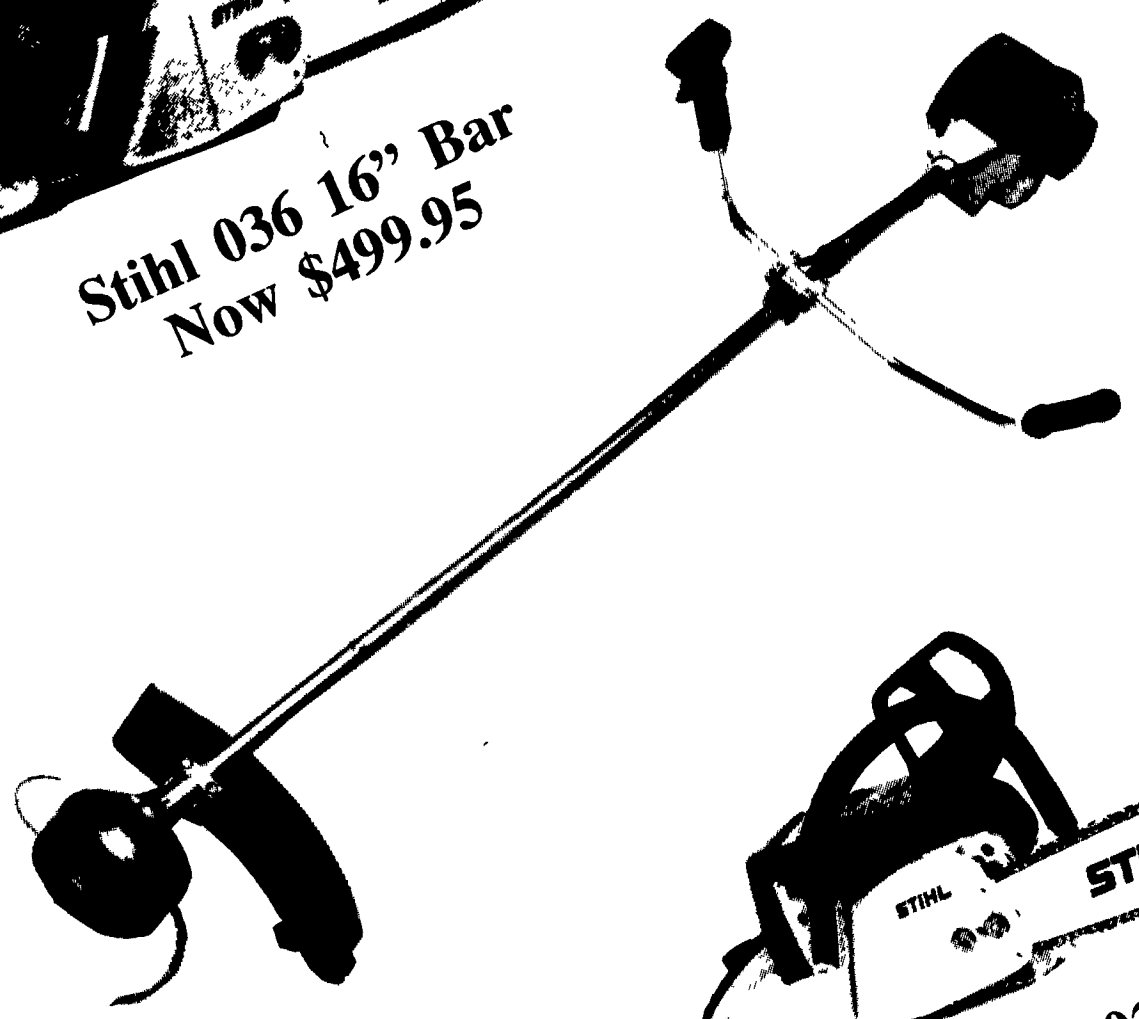

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Northeast DHIA Lookes Ahead

ITHACA, NY — "Our mission as an organization is to improve the Northeast dairy herd. Just what does that mean and how far should or can we go to accomplish the mission?"

This was the opening question posed by Northeast DHIA General Manager, Nelvin Empet during his "91 Report to Delegates". The 4th Annual Meeting of Northeast DHIA Delegates took place on December 10th and 11th, 1991 at the Sheraton Inn Ithaca, New York. This meeting proved to be one of the most successful and productive Annual Meetings thus far. Among the topics discussed were the Cooperatives long range strategic plan, the current budget situation, and the Records Value issue.

The overiding sentiment of all those in attendance was positive. The Cooperatives sound financial position was affirmed by 1991 Treasurer William Head. There will be no wage increases for DHIA staff for the 1991-92 fiscal year as previously stated. The budget cuts and wage freeze have enabled DHIA to keep the current fee structure with no planned fee increases in the 1992 fiscal year. The Cooperatives obligation to providing quality service remains high, and DHIA members and staff are committed to "toughing out" the current climate within the industry.

Northeast DHIA leadership has made the difference in several areas in 1991. With over 5300 dairy farmer members and 444,500 cows, Northeast DHIA enrollment still comprises about 50% of the total dairy farms in their six state service area. Among the areas of improved service is the Herd Summary report. This report made its debut in April 1991 and provides Northeast DHIA members with increased report readability and a better use of information to help make better management decisions on the farm. Another area of improved service is the Day-One project. This pilot project recently received board approval and is moving forward at increasing speed. Day-One will provide Northeast DHIA members with their management reports before the Supervisor leaves the farm on test day. Day-One will continue to infiltrate circuits throughout the year and should be the customary mode of data entry for 10% of Northeast DHIA Supervisors by the end of 1992.

The Northeast DHIA laboratories reported an excellent year. The Forage Lab reported breaking several records, including overall volume. They provided results for 64,853 feed and forage samples, a 13.3% increase over last year. The highly efficient Northeast DHIA milk lab tested some 4.5 million samples for fat and protein and 3.2 million for somatic cell count. Both laboratories have proved, through their superior management and staff, to be of the highest quality in terms of accuracy and customer service.

Other speakers at the Annual Meeting included John Noble, National DHIA Director. Noble, also the national representative for the Records Value issue outlined and discussed with the audience the current national position on the subject of Records Value. This issue will not disappear. Noble emphasized the need for competent, progressive dialog between National DHIA, the AI industry, and the breed associations. Apparently DHIA and the breed associations have been able to bring ideas to the table and discuss them in an intelligent and rational manner, and Mr. Noble is open to suggestions for further direction.

Nelvin Empet, General Manager of Northeast DHIA reported on the Coop's Long Range Strategic Plan. His report clarified some of the issues facing the Cooperative during 1991, and some issues Northeast and other DHI's may be struggling with in years to come. Specifically, the issue of competition for Official Records. Is competition on the horizon? If so, how will Northeast and other DHI organizations respond?

Empet concluded this portion of his report by stating:" The good news is that when a decision is made to respond, Northeast DHIA is in a position to succeed in a competitive market. I'm still not convinced that it will be better, or that the Northeast Dairy Herd will be improved faster. But, it will be different and Northeast DHIA will succeed."

In other Northeast DHIA news, a new Memoranda of Understanding with Cornell University was completed after years of work by both parties. The Memoranda is broken into two separate parts to more clearly define the responsibilities of each. One part is the Extension/ Research Memo which identifies Northeast DHIA as the sole responsible membership organization for the conduct of NCDHIP in N.Y. For the first time a procedure has been implemented for DHIA to review the release of records for extension/research and for Comell to report on the results of the programs to Northeast DHIA.

The second part called the DRPL (Dairy Records Processing Laboratory) Memo is not yet finalized but will give more responsibility to the DRPL board for operational decisions. The DRPL Board has equal representation from Northeast DHIA and the Cornell University College of Agriculture and Life Sciences. The new agreement provides more specific accountability as well as a more efficient working relationship designed to better serve the Northeast dairy farmer.

It is clear from the progress this organization has made in 1991 and from the issues being currently discussed, that Northeast DHIA will not stagnate. This organization seems committed to a Long Range Plan that has as its primary goal, the improvement of the Northeast dairy herd.

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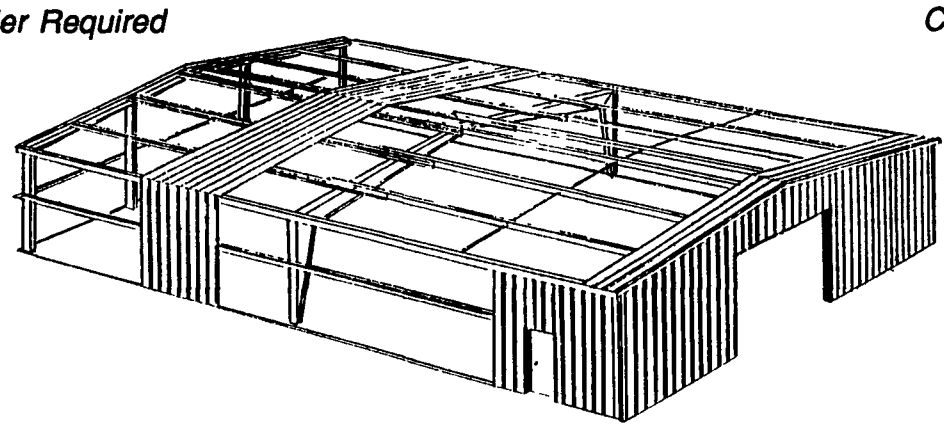

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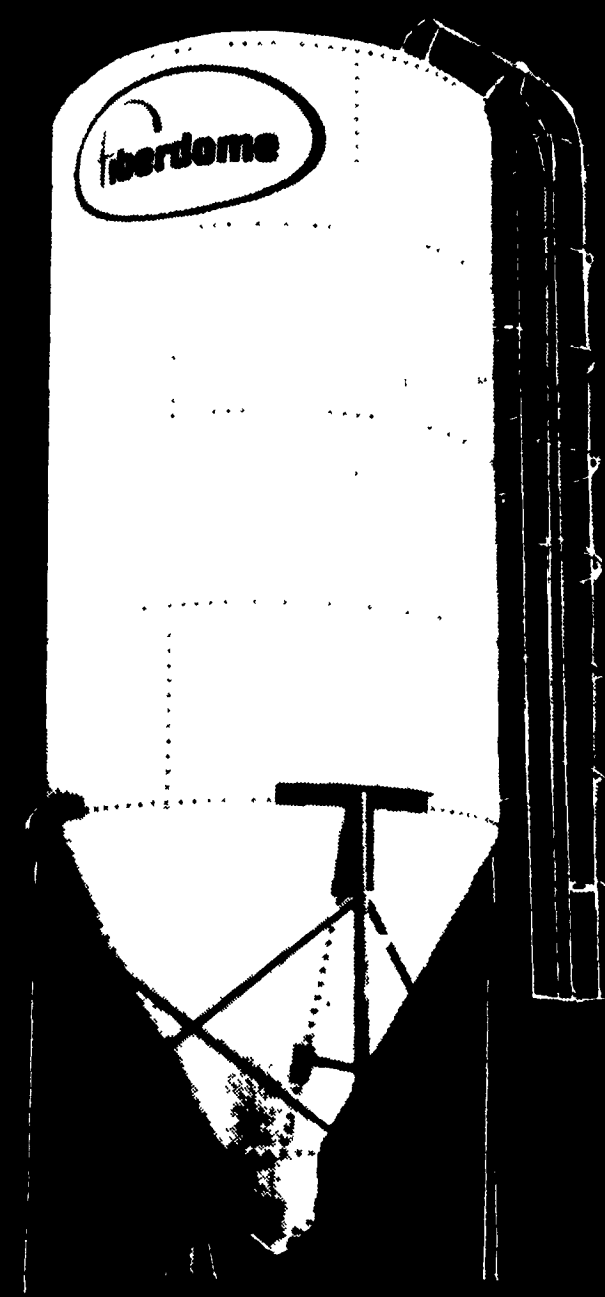

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Soybeans Need More Attention In Search For 1992 Profits

NORTHBROOK, IL. — "There's no such thing as a free lunch when it comes to producing a profitable soybean crop."

That's the warning of an agronomist who urges profit-minded farmers to give soybeans the same attention as corn and other crops.

"Too many growers try to grow soybeans on inadequate quantities of nutrients left over from previous crops," says Dr. Ray Hoyum, director of premium fertilizer marketing and agronomic support, for IMC Fertilizer, Inc., in Mundelein, Ill. "Growers need to be more aware of how much nutrients are removed by that last crop to prevent nutrient deficiencies from restricting the following year's bean profit."

Soil fertility research has proven that proper application of potash and phosphate is essential for high soybean yields. As recommended by soil and fertility experts, begin with a soil test and be certain fertility levels are in the medium to high range. Hoyum says always apply enough phosphorus and potassium to meet the requirements of the crop. As a reminder, a 60- bushel yield takes up 64 pounds of phosphate and 145 pounds of potash per acre.

Hoyum says a solid fertility program will be inefficient and costly if not coupled with a management package integrating multiple production techniques for soybean production. Some of the most important soybean management factors are:

- Using certified seed with the right maturity group for your area.
- Rotate with other crops to boost yields 5 to 10 bu/a over continuous cropping.
- Narrow row spacings for 30-inches to 15 inches for increased yields.
- Adjust planter equipment for uniform seed drop and proper depth. Uniform emergence is one of the keys to higher soybean yields.
- Control weeds, insects and diseases through variety selection and the proper use of chemicals.
- Scout fields regularly to identify weaknesses and make adjustments.

As noted by the IMC Fertilizer agronomist, using potash and phosphate together can triple bean nodule numbers and increase their weight five times that of unfertilized beans and this can double the yield, as tests in Arkansas, Iowa and Virginia have demonstrated in recent years.

"The key to achieving those additional dollars from beans this year is to follow a complete crop management system that includes proper varieties, timely planting, and adequate nutrition to nourish the crop from planting through maturity and harvest.

"Given the inputs and attention the crop deserves, soybean can produce bonus profits for farmers this coming year," Hoyum concludes.

Franklin Preserves Farmland

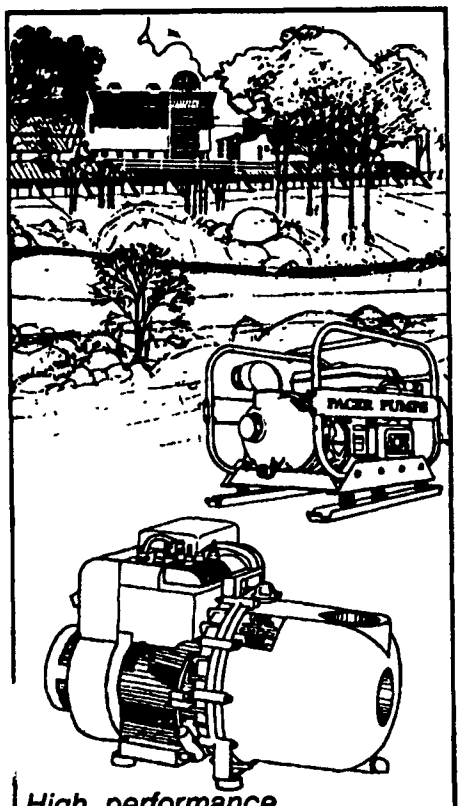
HARRISBURG (Dauphin Co.)— The Pennsylvania Agricultural Land Preservation Board voted to purchase a conservation easement for the John and Doris Koons farm in Antrim Township, Franklin County, making Franklin the 9th county to participate in the state's farmland preservation program.

Under the program, which began in 1989, the state and counties purchase development rights from farmers to guarantee that their farms will remain as agricultural land. With today's board action, a total of 12,314 acres in 9 counties have been preserved through the program.

State Agriculture Secretary Boyd E. Wolff, who chairs the board, was especially pleased that the Koons farm has entered the program.

"Antrim Township is located along the Mason-Dixon line, which represents our border with the State of Maryland," Wolff said. "Since Hagerstown is only 15 miles away, farms in this area are facing an awful lot of development pressure."

The board also voted to preserve eight other farms, in York, Bucks, Centre, Lancaster, and Lehigh counties. In addition, two other Lancaster County farms had their development rights purchased under that county's easement purchase program. Those easements were purchased with county funds and did not require state board approval.



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24 Mo	12	460	3ET	59.99	64.99
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STOP BY ON THE WAY TO THE FARM SHOW AND PICK UP THE NEW 1992 CATALOG

International Committee Approves Milk Meter

ELK GROVE VILLAGE, Ill. — The International Committee for Animal Recording (ICAR) in Rome, Italy has announced its approval of Westfalia's Metatron Milk Meter for milk measurements and sampling.

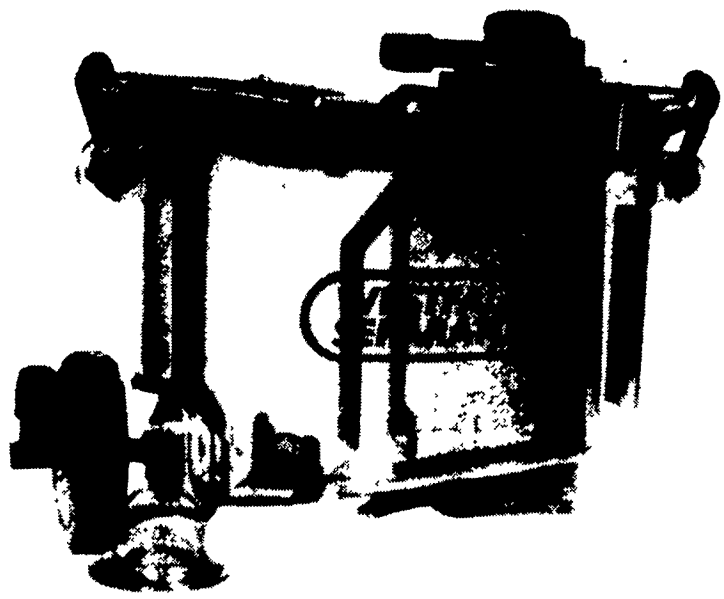
After completing stringently regulated on-farm tests in the Netherlands under accurate lab specifications, the ICAR granted full approval to the Metatron Milk Meter and component sampling system.

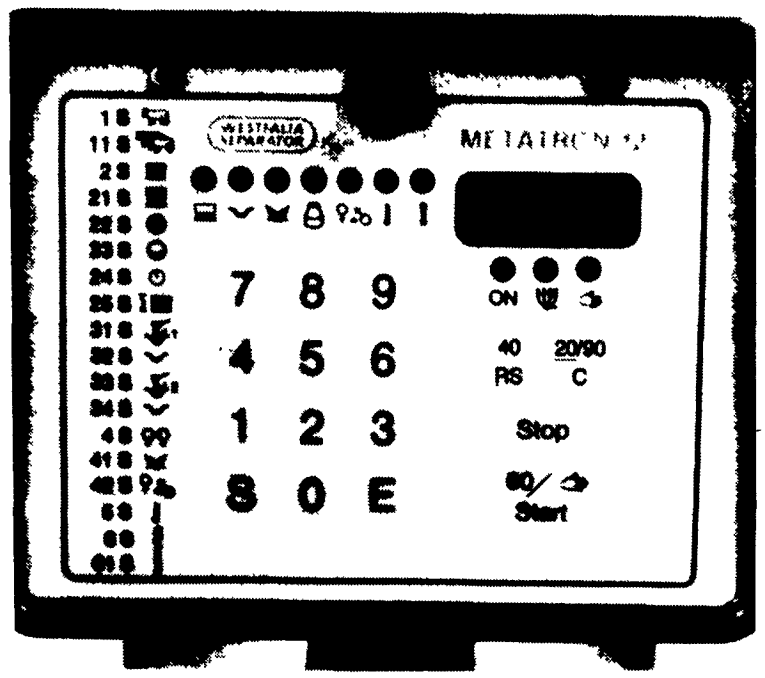
The Metatron Milk Meter consists of two parts. The first part is a cow-side control box which can keep track of milk flow, milk rate, and milking time. The other is the actual metering device that signals the amount of milk produced.

Westfalia's Metatron Milk Meter has also been granted USDA and DHIA approval in both the U.S. and Canada. It is the most tested and approved milk meter worldwide.

Additionally, the Metatron has a built in automatic take-off that is available with either a cord or flexible arm retraction device.

For additional information, contact Westfalia Systemat, 1862 Brummel Drive, Elk Grove Village, IL 60007.





Westfalia's Milk Meter.

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- Making Big Bucks by Direct Marketing

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- Bedding Plants - geraniums, growth regulators, containers and more
- Small Fruit Insect Pests

January 30
- Small Fruits - blueberries, strawberries
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or call: 717-473-8468

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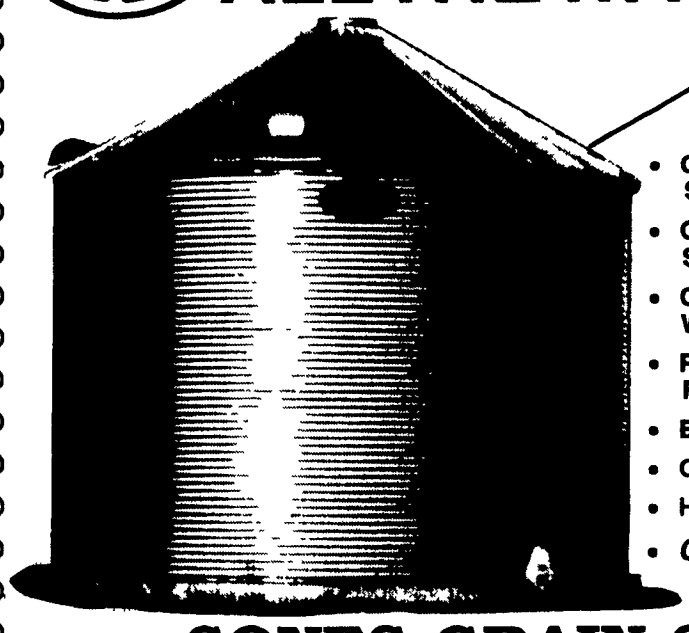

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Nearly 600 Attend Dairy Quality Workships

STRATFORD, IA. — Nearly 600 veterinarians, milk buyers, extension personnel, milk sanitarians and others from around the country recently attended 12-hour workshops on the Milk and Dairy Beef Quality Assurance Program to learn how to train others on the program in their states.

The workshops, held in six regions throughout the nation, represented the first major step in the education and awareness process that is an integral part of implementing the program.

Designed to enhance the quality of milk and dairy beef, the program helps producers improve their management, particularly the use of drugs. The improvement takes place when producers complete a manual on the farm with their veterinarians. The manual assists them in evaluating their operations in 10 areas, called critical control points, where problems are most likely to occur.

Workshop participants reviewed in detail each of the 10 critical control points in the Producer Manual. They also received information on upcoming changes in federal regulations affecting milk and meat. Among these changes is the requirement that every load of milk be tested for drug residues beginning January 1,1992, instead of the random testing conducted now.

A key component of the workshops was the discussion of ways to implement the program at the state level. Participants divided into small groups to brainstorm ideas, which were presented to the entire group. Then, representatives from each state formed groups to discuss how the program could be implemented in their states.

The next step in implementing the program involves getting manuals to producers and veterinarians and training veterinarians and cooperative and proprietary dairy fieldmen. In most cases, fieldmen will deliver manuals to producers and urge producers to contact their veterinarians to complete the program. Both activities are currently underway.

For more specific information on the status of the program, or to order materials, contact the Milk and Dairy Beef Quality Assurance Center, 801 Shakespeare, P.O. Box 497, Strafford, IA 50249; 515-838-2793.

Servos Seed Distributes Matua Bromegrass

CHADDS FORD (Delaware Co.)— Servos Seed Corporation has been granted the rights to distribute "Easy Drill Matua Brome Grass" for Peterson Seed Company of Savage, Minn.

For the first time ever, the North American farmer has the opportunity to fully exploit one of New Zealand's highest yielding forage grasses.

Often referred to as "the wonder grass from New Zealand", the potential for this cultivar has been hampered by an inability to sow and successfully establish this forage.

The answer to the problem has been solved with the development of the easy drill process.

The protected process on awn removal and treatment application have overcome the problems of drilling, establishment, and seedling protection.

In addition to the benefits of drilling protection, Easy Drill Matua can be sown at lower rates (25 pounds per acre), and will establish faster due to the break in inherent dormancy during the deawning process.

Amy Deckas of Peterson Seed Co. said that "other sources of Matua Grome Grass are available, but we are the only supplier of seed with the Easy Drill process which is so important in establishment."

Easy Drill Matua Bromegrass has been tested in the U.S. for some time at University Park. Dr. Jerry Jung reports the most impressive characteristic the Matua displays is its remarkable fall regrowth, in addition to persisting through three winters.

Matua bromegrass performed exceptionally well during the drought in central Pennsylvania, which was the worst in 50 years. The hardy forage grass from New Zealand showed remarkable drought resistance and grew enough through the drought to be cut a number of times for hay. Also, it was preferred by dairy cattle in tests over other forages, said Dr. Jung, U.S. Regional Research Lab, University Park.

For additional information, contact: Servos Seed Corp., 28 Ringfield, Chadds Ford, PA 19317. Phone: (215) 388-6039.

N.Y. Hereford Assoc. Sets Performance Sale

CLARENCE, N.Y. — The New York Empire Polled Hereford and Hereford Breeders Assoc. Sale committee recently met at Scotchwater Farms to set up the criterion for the State Hereford Sale of selected performance Polled Herefords and Herefords at the New York State Fairgrounds on May 9, 1992.

Sale committee chairman Peter Jackson gave the objective of the sale to offer outstanding performance Herefords to cattle farmers in the Northeast. The sale will be comprised of the top two performance bulls, a selection of 40 cow/calf pairs, and 10 young females all with performance backgrounds.

Brian Blinson from Blaine, Tenn. will be the sale manager and will review, with Les Middleton, all cattle prior to their selection.

For further information, or to nominate cattle or receive the sale catalog, contact Peter Jackson, sale committee chairman, (716) 741-3178 or Brian Blinson (615) 933-1906.

Corn Classic Reception Will Be Big

ST. LOUIS, Mo. — The Du Pont Ag Products' sponsored grand opening reception at the National Corn Growers Association (NCGA) 1992 Corn Classic will accent NCGA's record membership attainment and 1992 Corn Classic attendance.

The gala celebration will be held from 6 p.m.-8:30 p.m. on Sunday, February 23 in the Corn Classic Trade Show at the Orange County Convention and Civic Center in Orlando, Fla.

The reception will accent NCGA's recent accomplishments in attaining a record 26,016 members and having an anticipated record attendance of 2,500 top-producing corn growers, their families, and industry supporters at the 1992 Corn Classic.

"Du Pont Ag Products is proud to have the privilege of working hand-in-hand with NCGA to help the organization grow over the years and we're delighted to host this well-deserved celebration at the 1992 Corn Classic," said Dale Darling, Du Pont ag associations manager.

The 1992 Corn Classic Trade Show is nearing sell-out capacity with more than 95 companies expected to exhibit in more than 215 booths.

For additional registration and program information, call the special Corn Classic toll-free number (800) 279-1425 at GROUPers Travel.

USDA Extends Deadline

Marvin Baumer, market administrator for the USDA Agricultural Marketing Service Dairy Division for federal orders No.s 33, 36, 40, and 44, has announced that the time for filing exceptions to the recommended decision of the 43-day national hearing on those orders has been extended until Jan. 31.

For more information, call the Eastern Ohio-Western Pennsylvania office in Cleveland, Ohio, at (216) 826-3220.

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18' Kawanee fold up disk, all new blades, like new, $3,750. (410)833-1847.

1980 Button Johnson tomatoe harvester, refurbished 1985, w/brush shaker, electronic color sort, disc pickup head w/ conversion to knife head. 717-473-4473 Ask for Sam.

1985 JD 401D loader tractor, 3 pt. PTO, runs good, $8,000. 301-833-2311

1990 7' Bush Hog squeeler, SQ84, 3 pt. hitch, slip clutch, low hours. Best offer over $1100. 215-987-9833.

200 bales alfalfa hay, $3 per bale. (410)928-5226 after 7 pm.

2100 Better Built spreader with injectors. Can be seen at K&S Quarryville, PA, $3000. 609-935-5657.

(2) JD 3 bottom 3pt. plows. 717/367-1057 after 6PM.

3300 gallon Badger manure tank on B61 Mack Truck $5500; Badger Manure Pump $2500. Phone 304-289-3466.

(3) 5000 gallon steel tanks, excellent nitrogen storage, good shape, best offer. (717)784-6922.

489 NH haybine, in good condition, $1,950. Call evenings, (215)593-2689.

6600 hydro Side Hill, very good, $15,900. Larry Stalter, "The Combine Man" 1-800-248-2151

7040AC tractor, cab, air, PS, good rubber; 200AC tractor, WF, good Amish tractor; 1932 English Fordson. 717-529-2204.

790 NH manure spreader. Good shape. $3,600. (717)866-5093.

815 Int. combine, 1700 hrs., excellent, all options, $10,000. Int. Cub w/1R cultivator, will separate, $1,200. (410)928-5226 after 7 pm

8V92TA Silver Detroit diesel, good used, $3,500. 6V92TA Detroit diesel, needs overhaul, $1,200. 238 Detroit and 318 Detroit rebuilt exchange engines. V8 GMC Toro-flo diesel 235hp as is, $500. (717)733-3890.

AC 7000, Black Bottom, 20.8, CAH, $5,000. 301-833-9091

BACKHOE AC D14 w/ loader, 34HP, new rubber, with or without backhoe, runs excellent, $4,000/Offer. 301/898-7426.

BATWING MOWER WOODS HD 315, new, $6,000. 301-833-9091

BATWING MOWER Woods B315, $2,000. 301-833-9091

Bush Hog 2102 Post Hole Diggers w/12" Double Flite Augers, $799. Taneytown Farm & Hardware 410/751-1500.

Bush Hog 3126 10½' Mowers, $3,595. Taneytown Farm & Hardware 410/751-1500.

Bush Hog 7' 3 Pt. Mowers, $1,400. Taneytown Farm & Hardware 410/751-1500.

Deutz DX-90, 90hp, 2400 hours, 20-speed with creeper, new radials, excellent condition, $10,500; IH 700 4 bottom, automatic reset plow, $1700; 20 8x38 DMI Duals, $500, 717-426-2659.

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Dynahoe 140 backhoe and loader, 10,000 GVW trailer, Vermeer bale wrappers, round balers, twin rakes, and NH 7' haybine. C.W. Neiderhiser (412)423-4076.

Farmall A, very clean, $850. Southern Chester County. (215)274-0776.

Cab for same tractor, fits 95 or 100 model, good condition, (2) 18.4x34 tires, (2) 13 6x24 tires, 75% tred; 11' Brillion cultipacker. Cumberland (717)530-5606.

Case 1490 w/cab, power shift, excellent condition, 750 hrs., $12,500 OBO. (215)696-6123.

Case 2290 cab, air. New 20 8x38 tires. Real sharp (301)582-1927.

Case 430 articulating loader w/300 hrs. on new engine $3000; Bear Cat flail chopper $200 717-263-8091.

Case IH 800 corn planter, liquid fertilizer, no-till, monitor, 4-30" rows, $6,250. Call early mornings or evenings till 7 p m 717-949-3074 or 703-879-9926

Complete Diesel Engine for JD 4230, 70 hrs. since major rebuilt 717-866-7066 Days.

Complete set of doors for IH 86 series cab, $1000. 301-898-7426.

Complanters: 2 and 3 row with John Deere Max-Emerge II units. Plateless or vacuum. 3-Point or pull type. Tifone air-blast sprayers. Reasonably priced. Pequea Planter, 561 White Horse Rd., Gap, PA 17527 Lancaster Co.

CRAWLER LOADER IH 340, 4 in 1, ripper, new UC & engine, must see, $4,500. 410-833-9091

Cultipacker Brillion 8', 4" axle, field ready, $450 410-833-9091

Deere 3300, very nice, $4,950.; 4400 gas, very clean, $4,950. Larry Stalter "The Combine Man". 1-800-248-2151

Farmall Super M, excellent mechanical condition $1400. Phone 717-582-4018.

Farmers = Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164.

FORAGE HARVESTER NH 717, 2RN, $400. 301-833-9091

FORKLIFT Lull, 4WD, gas, lifts 30', $4,000. 301-833-9091

FOR SALE: 750 MF combine with 16pt grain table. Call (410)634-2767.

FOR SALE: AC 200 w/cab, overhauled engine, new gears in trans, new rubber, new paint. Must see to appreciate! 717-367-1574.

Ford 620 Loader Backhoe, runs good, needs some work, $1,600. 215/795-2281.

Gehl 910 14' forage box $450; Case SC tractor $4500; NH 36' hay elevator with elec. motor $450; 2 Horse bobsled, good cond. $500; Ritchie Cattle Waterer $65; Eshland Wood boiler furnace with valves, circulator and plumbing, $450; IH #58 6RN corn planter w/factory harrow and hyd. fertilizer filler $750. Call 717-334-8804 after 6PM.

Grain dryer, Gilmore Tatge 270; (2) plows, both four bottoms; Chisle plow; harrow; grain planter International; haybinder NI; rake; baler International; corn picker Oliver; corn elevator; corn cultivator International; corn sheller; corn planter International. 814-247-8989 Call after 4PM.

For most any grain or corn header, or self propelled choppers. Call Larry Stalter, "The Combine Man" 1-800-248-2151

For Sale: 1979 FMC Tomato Harvester, electronic sort, rotating disc pick-up. 717/365-3375.

For Sale by Farmer: JD 4020, good condition, 105 H.P., $6800; Oliver 4x16 trip bottom plow. Cumberland Co. 717-530-8243.

Ford 8N engine, completely rebuilt, $950. 410-751-1500.

Ford Jubilee tractor w/ snow plow, $2,900 or trade for 9N or 8N and cash. Clean and original. (215)646-3113.

JD 1520 gas w/reverser, #48 loader, $5900. 410-751-1500.

For sale 1964 Ford 4000 gas. 814/486-1401 or 814/486-3229.

Ford 8000 w/heavy duty loader, cab, dual hyd. $5200 OBO; Gleaner A w/ cab, 2-38" corn head and 13' grain head $1250. 717-263-8091.

For Sale: IH 101 combine, needs engine work, 136-26 tires, 70% tread thresing unit in fair condition with 10' head. Best offer. Call 717-286-6084. North'd County, PA.

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USED FARM & LAWN EQUIPMENT
JD 318 1991 model
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JD 322 w/mower like new, 130 hrs.
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JD 37A snow throwers
JD 108 lawn tractor
JD 65, HD rear blade, 84"
JD 4[SOLD]t blade
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JD 770 4WD Tractor Ca$h Price $9,500
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PLEASE WRITE CLEARLY

Lancaster Farming
1 E. Main St.
Ephrata, Pa. 17522
717-394-3047
or Lititz
717-626-1164

PHONE HOURS:
Mon., Tues., Wed. & Fri.
8 a.m. to 5 p.m.
Thurs.
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OFFICE HOURS:
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The following categories are available for your classified advertising. In Section E. Deadline- Thursday morning at 9 of each week's publication

1- Farm Equipment
1a- Construction Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders

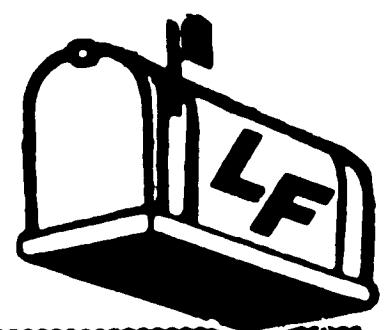
The following categories are available in your classified advertising. In Section D. Deadline- Wednesday afternoon at 5 of each week's publication.

4- Building and Supplies
5- Grain Equipment
6- Dairy Equipment
7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq. & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
21- Services Offered
22- Custom Work
23- Help Wanted
24- Situations Wanted
25- Business Opportunities
26- Household
27- Pets
28- Lost
29- Found
30- Computers
31- Notice
32- Miscellaneous
33- Recreational Vehicles
34- Autos
35- Trucks & Trailers
36- Real Estate

MAIL TO:
LANCASTER FARMING
P.O. Box 609, Ephrata, PA 17522

NOTE: Please do not use this form for Mail Box Market Ads, see instructions with Mailbox Markets.

PLEASE CALL OUR CLASSIFIED AD DEPT. IF YOU WANT TO ADVERTISE A DISPLAY BOX IN OUR PAPER.



Name _____

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Please publish my____word ad____times starting with the_____issue. Classify under #_____. I enclose_____.

Box Replies: Ads with answers coming to a box number, c/o Lancaster Farming: $1.50 per ad per week additional.

This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

DEADLINES:
SECTION C - WEDNESDAY AT 5:00 P.M.
SECTION D - THURSDAY AT 9:00 A.M.
OF EACH WEEK'S PUBLICATION

CLASSIFIED ADVERTISING RATES

34¢ per word per week - 1 or 2 times
28¢ per word per week - 3 or more times
11 word minimum

Words	1 Time	2 Times	3 Times
up to 11	3.74	7.48	9.24
12	4.08	8.16	10.08
13	4.42	8.84	10.92
14	4.76	9.52	11.76
15	5.10	10.20	12.60
16	5.44	10.88	13.44
17	5.78	11.56	14.28
18	6.12	12.24	15.12
19	6.46	12.92	15.96
20	6.80	13.60	16.80

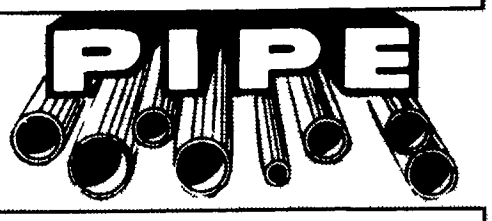
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40

(Phone Numbers Count As One Word)

1 FARM EQUIPMENT

H. SCHWARTZ & SONS, INC.

STEEL PIPE



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BUILD YOUR OWN AND SAVE
BEST PRICES ON NEW AND USED PIPE
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ATTENTION FARMERS

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For information and estimates call
Martins Silo Repair
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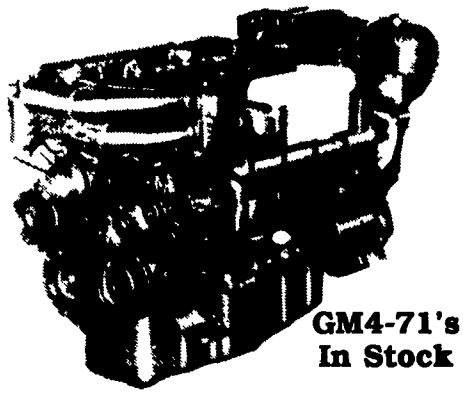

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866 Greenspring Rd.,
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Most Makes And Models
Have Large Selection
Recent Arrivals: Case 970, IH 2806, Ford 8600, Case 500, Oliver Super 88, IH B414.

Call (717) 776-7542
for detailed information
MON-FRI 8-5 SAT 8-12
No Sunday Calls Will Ship UPS
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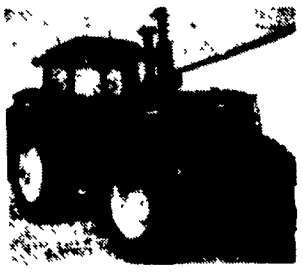
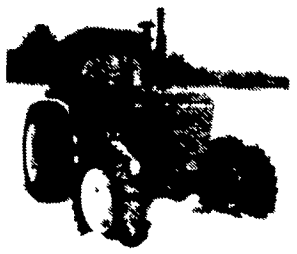
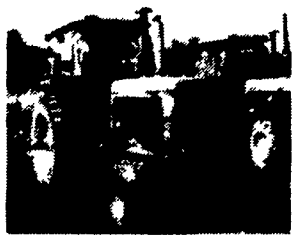


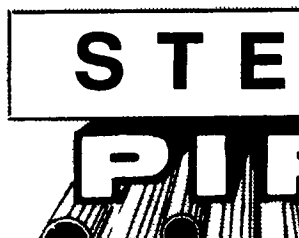
84 JD 4850, 193 HP, MFWD, C/A, 20.8Rx38, 2500 Hrs., 3 Rem., PS.
$45,500



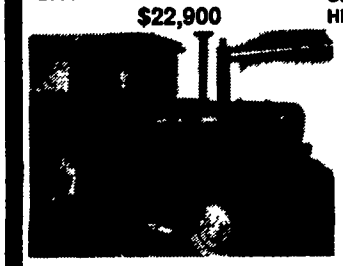
84 JD 4450, 140 HP, MFWD, C/A, 20.8Rx38, 4300 Hrs., 3 Rem., PS
$41,900



84 JD 4250, 120 HP, 2WD, C/A, 20.8Rx38, 4300 Hrs., 2 Rem., Quad. $27,000



80 JD 4440, 130 HP, 4WD, C/A, 18.4Rx38, 5000 Hrs., 2 Rem., Quad
$22,900



80 JD 4440, 130 HP, 4 WD, C/A, 18.4Rx39 5000 Hrs., 2 Rem., Quad, Rebuilt Transmission
$19,800

BEFORE YOU BUY ANY TRACTOR...

NEW or USED... 2WD or 4WD... CHECK the UNBELIEVABLY LOW PRICES at

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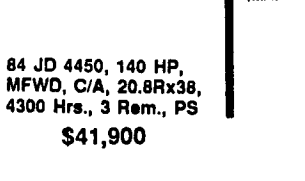
1-4



82 JD 4440, 130 HP, 2 WD, C/A, 23.1x34 3200 Hrs., 2 Rem, PS
$19,250

82 JD 2940 (3140), 85 HP, 4 WD, Cab, 18.4x38R, 3750 Hrs., 2 Rem., Hi-Lo $17,600

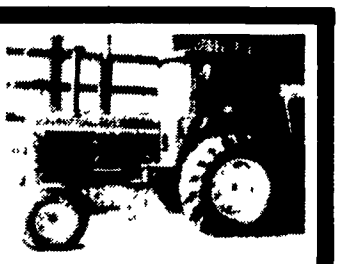
80 JD 2940 (3140), 85 HP, 4WD, CA, 16.9Rx38, 2950 Hrs., 2 Rem., Std. Tranny, Wilcone Loader,
$19,800

84 IH 5288, 160 HP, MFWD, C/A, 20.8x38 (Duals), 5000 Hrs., 2 Rem., 18F/6R $23,800

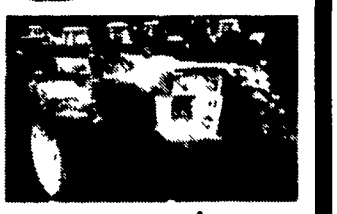
91 JD 4955, 203 HP, MFWD, C/A, 18.4Rx42 (Duals), 56 Hrs., 3 Rem., PS	$79,400
89 JD 8760, 260 HP, 4 WD, C/A, 30.5x32, 3400 Hrs., 2 Rem, 12 F/3 Pt. & PTO	$69,900
91 JD 4455, 141 HP, MFWD, C/A, 18.4Rx42 (Duals), 2 Hrs., 3 Rem, PS	$58,900
90 JD 8560, 198 HP, 4 WD, C/A, 30.5x32, 350 Hrs., 3 Rem, 24 Speed, 22 Mos. On Warranty	$59,900
88 JD 4850, 192 HP, MFWD, C/A, 20.8x42 (Duals) 3500 Hrs., 3 Rem, PS, 3 Pt. & PTO	$49,900
85 JD 4850, 192 HP, MFWD, C/A, 30.5x32, 3500 Hrs., 2 Rem., PS, 3 Pt. & PTO	$42,900
89 JD 3155, 96 HP, MFWD, 4-Post, 16.9Rx38, 2500-3500 Hrs., 2 Rem, TSS (Hi-Lo)	$25,900
84 JD 2010, 47 HP, 2WD, 1 Rem., 14.9x28, 5200 Hrs., Synchro, Was $6,500 SAVE $2,000	NOW $4,500
81 FD TW-30, 165 HP, 4 WD, C/A, 20.8Rx38, 2900 Hrs., 2 Rem, DP	$24,900
82 FD TW-20, 128 HP, 4 WD, C/A, 18.4Rx38, 3350 Hrs., 2 Rem, DP	$22,900
77 FD 3600, 42 HP, 2WD Cab, 16.9x28, 2400 Hrs., 8 Speed, Was $6,900 SAVE $2,000	NOW $4,900
84 Case 2290, 130 HP, MFWD, C/A, 18.4Rx38, 3100 Hrs., 2 Rem, PS	$19,800
72 Oliver White Moline, A4T160, 270 HP, 4WD, Cab, 18.4x38 (Duals), 1500 Hrs., 2 Rem., Standard, Was $11,900, SAVE $2,400	NOW $9,500
87 Mitsubishi 250 D, 22 HP, 4 WD, 650 Hrs., 11.2/10x24 (New) w/Woods Mower	$8,500
89 Cat Challenger 65, 280 HP, 4 WD, C/A, Track (80%), 1920 Hrs., 4 Rem, PS	$87,500
88 Cat Challenger 65, 280 HP, 4WD, C/A, Track (70%) 3200 Hrs., 4 Rem, PS	$75,000
82 Cat 922A Loader, 80 HP, 4WD, 14.00x24, Was $12,500 Save $2,600	NOW $9,900
80 GMC Astro V892 13 Spd. Road Ranger, 26' Rollback Tri-Axle	$29,500
87 Mercedes, 30', Air Tag Axle	$23,900
Haines Rockpicker Offset Drive, New Cyl., Large Rock Box, Hyd. Cyl. Dump	$8,000

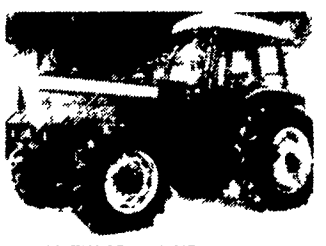
80 JD 4240, 110 HP, 2 WD, C/A, 18.4Rx38, 3200 Hrs., 2 Rem., Quad
$18,900

73 JD 4430, 126 HP, 2 WD, C/A, 20.8x34 (Duals), 4400 Hrs., 2 Rem, Quad Engine & Tranny Rebuilt
$14,500



72 Super 6 FD, 105 HP, 4WD, 18.4x30, 2 Rem., 1400 & Arps, 8 Speed.
$9,750





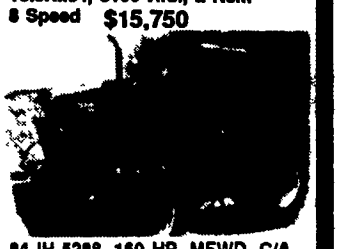
84 FD TW-25, 140 HP, 4 WD, C/A, 3200-Hrs., 18.4Rx38 DP, 2 Rem.
$26,400

81 FD TW-30, 165 HP, 4 WD, C/A, 20.8Rx38, 3500 Hrs., 2 Rem., DP
$22,900

83 FD 7710, 86 HP, 4WD, Cab, 16.9Rx38, 2800 Hrs., 2 Rem, DP
$21,900

81 FD TW-20, 128 HP, 4 WD, C/A, 18.4Rx38, 3600 Hrs., 2 Rem., DP
$20,400

84 FD 6610, 72 HP, 2 WD, Cab, 16.9Rx34, 3100 Hrs., 2 Rem 8 Speed $15,750



84 IH 5288, 160 HP, MFWD, C/A, 20.8x38 (Duals), 5000 Hrs., 2 Rem., 18F/6R Was $28,900
SAVE $6,000 $22,000

73 IH 1066, 116 HP, 2 WD, ROPS, 18.4x38, 2500 Hrs., 2 Rem, Hydro. 8F/4R (Hi-Low) $11,750

84 Case 2290, 130 HP, 4 WD, C/A, 18.4Rx38, 3800 Hrs., 2 Rem, PS
$19,400

VISIT US AT THE PA FARM SHOW - BOOTH #'s 549, 566, 567 & 548

PUMP, Don't Haul Your MANURE!

WITH TICO IRRIGATION and WRIGHT-RAIN PUMPS

...you can pump and spread in one day what would take a week to haul, regardless of field conditions

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PHONE (315) 964-2214
IN VIRGINIA AREA CALL:
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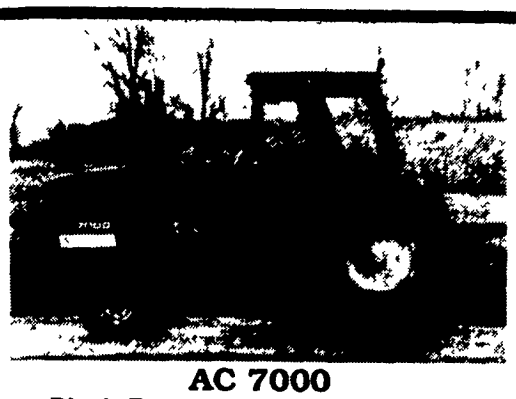
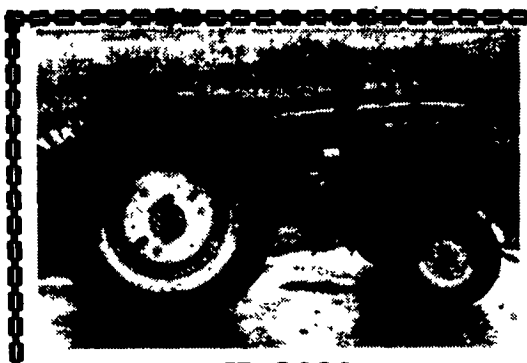


AC 7000
Black Bottom, 20.8x38 Tires, 80%
$5,000
410-833-9091



JD 2630
70 HP, Runs Good
$4,700
410-833-9091

Best Buys in Used Equipment

USED TRACTORS

IH 3388
IH 666
Ford 5000, gas $3,000
Ford 7000
Case DC
MF 30 w/Loader

1990 Case IH 7110 Magnum Tractor, 2WD, 925 Hours

Coming In...
Case IH 7110, MFD w/320 Hrs. w/4 Year Warranty

USED EQUIPMENT

Brillion 12' 8 cultimulcher, like new Price Reduced $5,000

USED EQUIPMENT

IH 963 corn head
Dunham Lehr 12' cultimulcher, nice
Ford model 142, 4 btm. plow w/auto reset
JD 4 btm. rollover plow
Wetmore grinder mixer, 130 bu.
IH 435 baler w/thrower
Woods model C80 rotary mower
IH 720 6 btm. plow w/on land hitch
IH 710 5 btm. plow w/hillside hitch

Badger 2600 Harvester w/2 row corn head w/2 row snapper head w/5' hay pickup $3,500

Eckroth Bros. Farm Equipment

RD 2 Box 24A, New Ringgold, PA 17960
717-943-2131
7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.

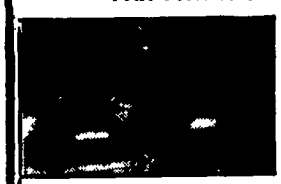
case IH

2449 SOUTH QUEEN ST. (rear), YORK, PA 17402
Interstate 83 • Exit 6E
FAX 717/741-1518

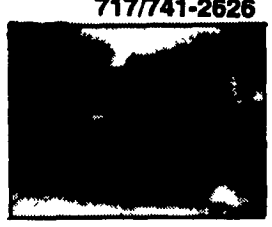
Douglas EQUIPMENT & SUPPLY CO.

717/741-2626 717/741-1797

THINK SNOW



Ford 335 Loader, 3 pt, PTO, ROPS, one owner, excellent cond., diesel **$5,800**
MF 40B, 3 Pt, PTO, Diesel, Twin Sickle Bars

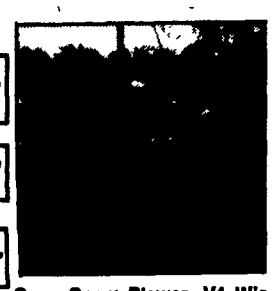


Case 580D, Full Cab & Heater, Very Good Cond., 2300 Hrs.
Case 580C **$10,500**

Gallon 10-12 ton tandem roller, gas

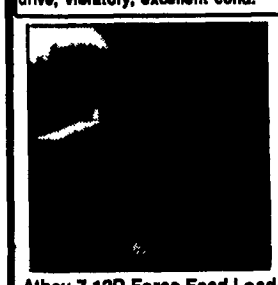
Bomag, BW140AD, double drum drive, vibratory, diesel

Terex 82-40, ripper, GM diesel, good cond.

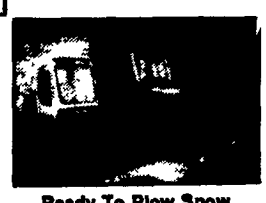


Bros. Snow Blower, V4 Wisconsin, Excellent Condition

Bomag BW120 AD, double drum drive, vibratory, excellent cond.



Athey 7-12D Force Feed Loader, JD Diesel Turbo, Hydrostatic, Good Cond.



Ready To Plow Snow
IH 2444 Tractor, Gas, Power Steering w/Front Plow, Power Angle, 3 Pt., Sno-Line V4 Wisconsin, 4 Spd, Good Cond.

Schramm Pneuma Tractor 12S $3,250

Bros SP3500 9 whl. rubber tire roller, Ford gas, good cond.

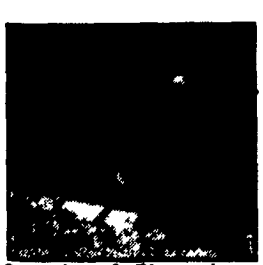
Epoke tow behind salt spreader, like new...Call For Price

Myer HM10 power angle plow, complete...Call For Price

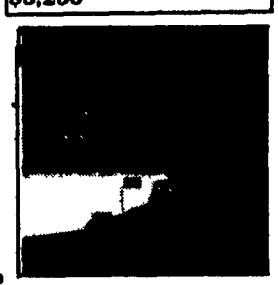
Huber Maintainers
"We Got 'Em"
(1) M-600 , Ford Gas, Front Blade, Wide Tires, w/ROPS.
(1) M-650, Ford Diesel, Front Blade, Wide Tires, ROPS.
(1) M-500, Cont. Gas, Front Blade, Wide Tires.
(2) M-52's, Cont. Gas, (1) w/ Cab.
(2) M-500's Cont. Gas, good cond.
Call For Prices

New Custom Trailers, 3 Ton Thru 20 Ton, Call For Prices

Mayco Grout Pump, Call For Price



Spreaders & Plows, Large Selection In Stock 9 Ft. Bin Type Hyd. Spreader, $1,250. Snow Plows- 10 Ft., 11 Ft., 1 Ways, 2 Ways, Starting at $300



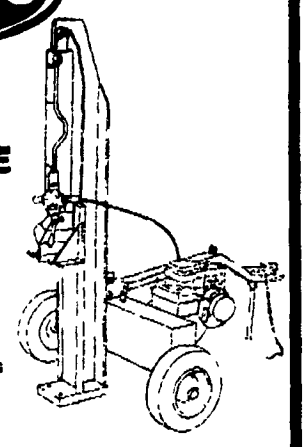
Pettibone B-66, GM Diesel, Heavy U/C, Very Good Cond.

Huber F1700, PS, GM diesel, $9,500

Pettibone Super 8 33' Lift, 8000 Lb. Cap, 4WD, 4WS, (1) w/6 Cyl. Gas, (1) w/GM Diesel
(1) Pettibone Super 8 Carry Lift, GM Diesel, P/S, 4 WD, 4 WS, Fork & Top Clamp

250 Tennan 2 cyl. Cont. Water Cooled $4,500
360 Tennant, hi dump, Ford Gas, $5,500
Wayne 973 Street Sweeper $3,850
(3) 240 Tennants 2 Cyl. Kohler, 1 w/cab $3,500 ea.

Speeco



SALE PRICE
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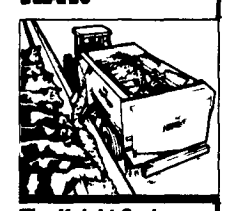

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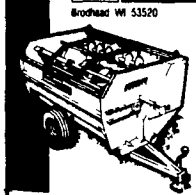

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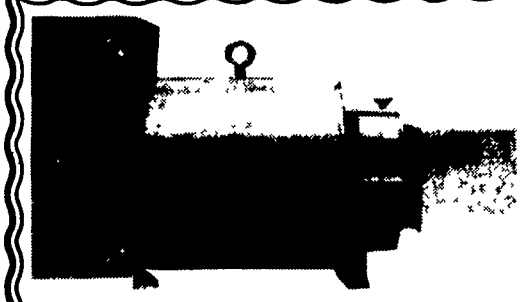

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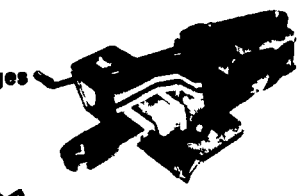

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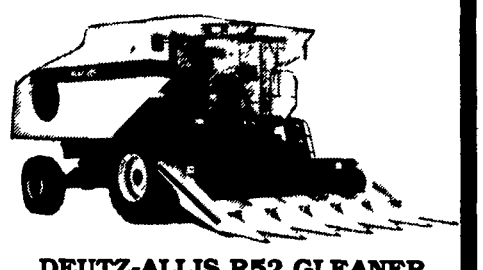

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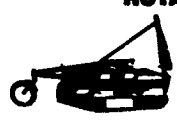

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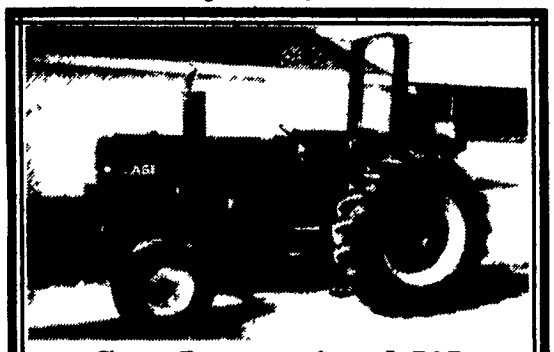

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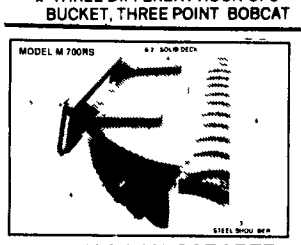

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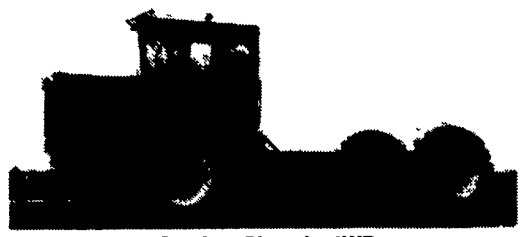
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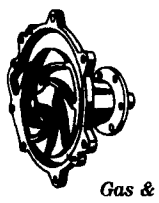

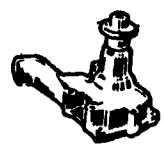

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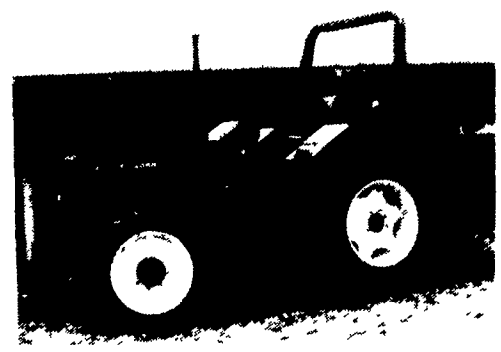

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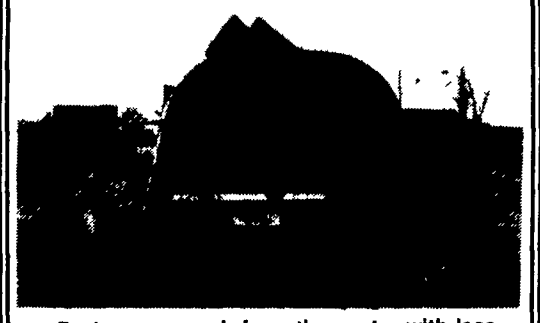

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NI 3825 liquid spreader, 2500 gal., demo List ~~$12,500~~ $5,100
MC Flail chopper, excellent
Oliver Crawler With Winch
NI 382 V Spreader, Like New
NH #90 Bale Handler
NI 2R Corn Head For Uni, Demo

GUS FARM EQUIP. INC.
Route 616
Seven Valleys, PA
717-428-1967

NEW TRACTORS
MF 3660, 140 HP
MF 3120, 100 HP
MF 383 4WD 73 HP
MF 375 2WD Cab
MF 253 2WD 45 HP
MF 240 2WD 41 HP
MF 231 2WD 35 HP
Compact Tractors any sizes
MF 1010 to MF 1045
MF Garden Tractors 8 HP to 20 HP

USED TRACTORS
IH 560 Gas 38" WHeels
MF 135 Gas $4,200
Case 530 Dsl. $3,200
IHC 300 Gas $2,400
Farmall 350
MM M5 Dsl. $2,800
Farmall M $1,295

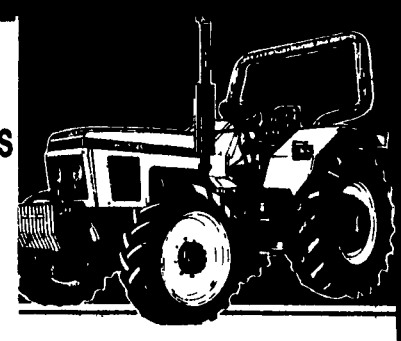
NEW COMBINES
MF 5650 Combine w/9600 flex head

USED COMBINES
WT 8800 w/Flex Head 6x30 corn head & Grain head
WT 8800 w/Heads for parts

NEW & USED MISCELLANEOUS
IHC 3200A Skid Loader $4,200
Allied Loader for MF Tractor $800
WT 5400 Plantaire 4 Row No Till $1,375
Hesston 10 Stack Hay SOLD
JD 10 Ft. Transport Harrow $695
ADJA 40 Ft. Transport Boom Sprayer w/700 gal. tank
Diamond T Truck 18 ft. steel flatbed $795
AC Forage Box w/new gear $675
Oliver 4x16 Pull Plow
New MF 7½ ft. Drum Mower
IHC 3x16 Fast Hitch Plow
MM D Sheller for parts
JD 780 S.P. Hay conditioner
IMC 6 ft. 3 Point Rotary Mower

MASSEY-FERGUSON

ZETOR



FARM TRACTORS
52 HP to 162 HP

YOU CAN'T BUY A BETTER TRACTOR
YOU CAN'T FIND A BETTER BARGAIN

24 Month Warranty On Power Train

See Our Tractors At The Pennsylvania Farm Show In Harrisburg January 11-16th

Come and try our tractors.
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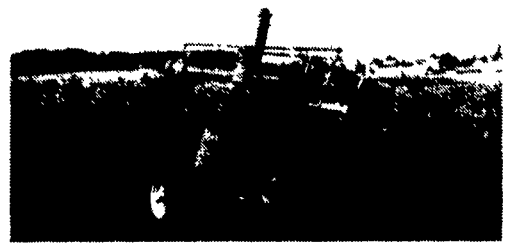

DH 210 Manure Pump 6'-14'
With Dual Agitator, rotates at 270°, full or partial hydraulics & manual operated with flexible spout on agitator. It chops heavy straw. (Check our price before you buy.) Option: Variable depth pitch. 6 to 10', 8 to 12' & 10 to 14'

DH Hay Basket Early Order Special Through January
10% Off Regular Price

Renting Lagoon Manure Pumps

* Gutter grate made to order
* Self-close headgate
* Round hay feeders
* 2-7 horse hitch, yoke & jocket stick
* Stainless steel welding

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(717) 768-8577
Dealer Inquiries Welcome

TRIPLE H EQUIPMENT
Wakefield, PA
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Special Discounts! Vicon **NEW VICON EQUIPMENT**

(1) LS 870M Sprayer
(1) LS 400M Sprayer, 28' Boom
(1) LS 630M Sprayer
(1) LS 3010T 800 Gal. Sprayer w/45 Ft. Hyd. Boom
(1) RS 510T Tedder
(1) H1050 7-Wheel Rake
(1) PS 1503 Spreader w/Trailer
(4) PS 803 Spreaders
(8) 31 Ft. Auto Stabilizer Booms
(1) 62 Ft. Auto Stabilizer Fold Booms
(1) 365 Gal. Truck Mt. Sprayer

MISCELLANEOUS
Ag Chem 502 Sprayer, 47½ ' Boom
Pequea 9x18 Bale Throw Racks
Special - Befco 72" Finishing Mowers
4 Star Tedders
Special - Land Pride 3 Pt. Blades & Finishing Mowers!

NEW MASSEY-FERGUSON
(1) MF 231 Tractor
(1) MF 1145 Tractor w/Shuttle
(1) MF 390T-4 Tractor
(1) MF 375-2 Tractor
(1) MF 375-4 Tractor w/Cab
(3) MF 1020 Hydros w/Loaders
(2) MF 1035 Tractors w/Loaders
(1) 15 Ft. Rotary Cutter
(2) MF 3 Pt. Disc Harrows

Vermeer

(6) Bale Wrappers
(6) 504 IS Silage Balers
(2) 107 No-Til Drills (Rentals)

USED EQUIPMENT
(1) MF TO-30 Tractors
IH 656 Hydro Utility Tractor
(2) Cub Lo-Boys
(1) Krone 125 Round Baler, Like New
(2) Tye 80" No-Til Drills
(1) JD 500 Gallon Sprayer
(1) Vicon 500 Gal. Sprayer w/Hyd. Boom
NH No. 28 Forage Blower, Like New!

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248 Meadow Valley Road
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TRACTORS
JD 2940 Diesel, 4x4, Hi Lo, Indp. PTO, 18x38 & 13x26 Tires $12,500
JD 2640 Diesel, Indp. PTO, 18.4x30 Tires, Reconditioned $8,000
Ford 5000 Diesel, PS.. SOLD $5,500
JD 3020 Diesel, WFE, Dual Hyd, 16.9x38 Tires $5,950
Int. 584 Diesel, 52 HP, 1981 ..... $5,900
JD 2950 Hi-Lo Indept. PTO, Dual Hyd., ROPS, Radial Tires $14,500
Ford 7000 diesel, dual power, load monitor $6,500
JD 2440 Diesel Ind. PTO $7,800
JD 2940 Dsl. Hi-Lo I SOLD , 92 HP .. $10,500

GRINDER/MIXERS
JD 700 Hyd. Loading Auger $2,200

TILLAGE EQUIPMENT
JD 2700, 6 Btm. Plow, Variable Width, Spring Reset, Nice $4,200
JD 1450 5 Bottom plow $1,200
JD 210 Disc, 11' ..... SOLD $1,800
Landoll 9T chisel plow $950
JD 210 Disc, 14' tandem wheels $1,800

MISCELLANEOUS
JD 240 Self-Leveling Lo SOLD To Fit JD 2440 ..... $2,000
Hudson 12,000 GVW, Tandem trailer 18' $1,400
JD 200 gal. sprayer, pull type #3633 ..... $575
Belton 300 gal. sprayer, pull type G #5553 $750

HAY EQUIP.
NH 320 baler w/70 thrower $3,950
Hay wagon w/Int. gears $750
NH 276 Baler w/Thrower $2,650
NH 478 Haybine, 7' $2,850
NH 477 Haybine, 7' $2,500
NH 276 Baler S.S. w/bale chute $1,950

MANURE SPREADER
Ford NH 680 Tandem Axle w/Tailgate .. $2,650
Martin 1678, Scavenger SOLD eader, Tandem $3,850

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EAST NEW MARKET, MD. 21631
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THE SOURCE FOR LATE MODEL JOHN DEERE TRACTORS AND COMBINES

TRACTORS
5.9% FINANCING IN JANUARY

Several 1991 JD 4955 MFWD, Duals, Loaded $66,000
1991 JD 4255 MFWD, Duals, Loaded $51,900
(2) JD 8450, 4WD, Duals, PTO, 1 w/3 Pt. Hitch $30,000
JD 8640, 4WD, PTO, 3 Pt. Hitch, 30.5L-32 Singles $26,500
JD 4240, 1982 Model, Quad Range, w/JD 158 Loader $25,900
JD 2155, w/Reverser, 380 Hours, Like New $11,500
JD 4040, 4 Post, Quad Range $15,500
MF 3545, 4WD, Duals, 2500 Hours . $21,500
JD 970 4WD, 40 Hours $11,900
IH 1586, Duals, Cab $10,900
JD 4430, Cab, Quad Range $12,900

COMBINES
5.9% FINANCING IN JANUARY

(2) 1991 JD 9600 Combines, 4WD, Duals, 922 Flex
(2) 1990 JD 9600 Combines, 4WD, Duals, 922 Flex
1982 JD 7720 4WD, 220 Flex, Extra Nice $42,000
1991 Case IH 1680, 4WD, 2 Heads $110,000
1986 MF 865, 4WD, 9120, 1183, Very Nice, 1700 Hours $50,000
1983 MF 860 4WD, 9120, 1183, 2300 Hours $35,000
(2) JD 644 6 Row Wide Cornheads

IMPLEMENTS
(2) JD 7240 Planter, 8 Row, 20" And 15 Row 15", Excellent
JD 7000, 8 Row Wide Front Fold, Dry Fert. Sharp $12,500
JD 750 No-Til, Yetter Markers, Excellent $19,000
JD 1010 Flat Fold 22' Field Cult. ..... $ 4,800
JD 230 Disk, New Blades And Bearings ..... $ 4,800
York Pro Rake ..... $ 1,500

Best Buys in Used Equipment

- NH 1069 S.P. Automatic Bale Wagon Perkins Diesel, 420 Hours, Like New

TRACTORS
- IH 986 Tractor w/Cab
- IH 5088 Tractor w/Cab
- AC 185 Tractor
- MF 275 Tractor
- Case 2390 Tractor w/Cab, Low Hrs.
- IH 1086 Tractor, Cab & Air, Good Cond.
- Case IH 235 Tractor, 4x4
- IH 560 Tractor
- IH 175 Crawler, 4 & 1 Bucket
- IH 1486 Tractor
- Versatile 160
- IH 674 Tractor

SKID LOADERS
- NH LB620 Loader/Backhoe
- Case 1816 Skid Loader
- Case 1830 Loader
- Mighty Mac 9C Diesel Skid Loader
- NH L555 Skid Loader, 800 Hrs., Good Cond.
- Mustang 1700 Skid Loader

HAY & FORAGE
- IH 425 Baler w/Thrower
- NH 425 Baler, Wire Tie
- NH 849 Round Baler
- NH 848 Round Baler
- NH 851 Round Baler
- NH 855 Round Baler
- NH 258 Rake, Hyd. Drive
- NH 258 Rake, Like New
- NH 1495 Haybine
- NH 489 Haybine
- NH 469 Haybine - For Parts
- NH 479 Haybine
- NH 411 Discbine
- NH 442 Discmower
- NH 452 Discmower
- NH 1499 Haybine, 12 Ft. Head
- Badger Forage Box, 3 Beater, Tandem Axle
- Dion Forage Box, 12 Ton Gear
- NH 892 Harvester, 824 2 Row Head Or 3 Row Head
- NH 8 Forage Box, 3 Beaters, Roof, Tandem Axle

PLANTING & TILLAGE
- IH 370 Disc
- AC 3100 Disk
- MF Rollover 3 Bottom Plow
- Bush Hog Wing Disk, 22 Ft.
- Ford (White) 5 Bottom Auto Reset Plow, 18", On-Land Hitch
- Bush Hog 10 Shank Chisel Plow
- Gehl Flail Chopper
- Pittsburgh 12 Ft. Disc Harrow
- Brillion 13 Ft. Packer w/End Transport
- JD 8300 Drill, Double Disc w/ Grass Seed
- IH 720 5 Bottom Plow

SPREADERS
- NH 510 Spreader
- NH 791 Spreader
- Lely Vacuum Tank Spreader w/ Injectors, Hauled Less Than 10 Loads
- NI Side Delivery Slurry Spreader
- NH 790 Spreader w/Top Beater, Pan, Exc. Cond.
- Starline Flail Tank Spreader

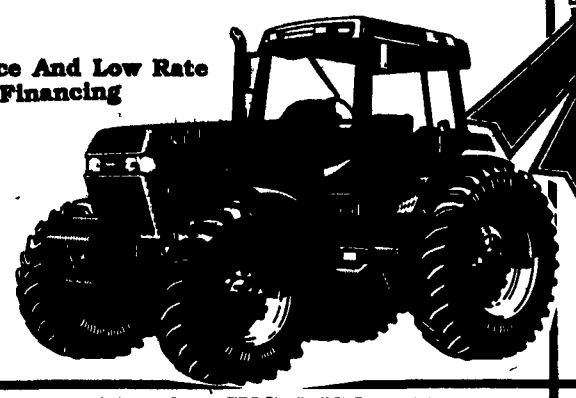
MISC.
- NH 40 Blower
- IH 1250 Grinder/Mixer
- JD 400 Grinder/Mixer
- JD Drill
- Kidd 3 Pt. Hitch Paper & Bale Shredder
- Woods C60 Mower

MESSICK FARM EQUIPMENT, INC.
Rheems Exit- Rt. 283, Elizabethtown, PA
717-367-1319, 717-653-8867

Look For Our OPEN HOUSE Coming Jan. 27 - Feb. 1

CASE IH MAGNUM TRACTOR
7140, 4WD, 195 Horsepower
7120, 4WD, 150 Horsepower

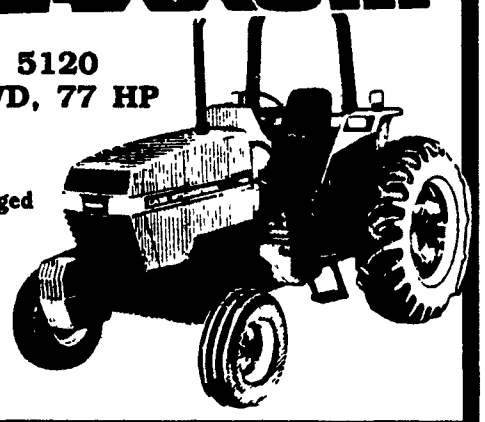
Old Price And Low Rate Financing



5 Year 5000 Hour Warranty

MAXXUM™
Farmers #1 Choice

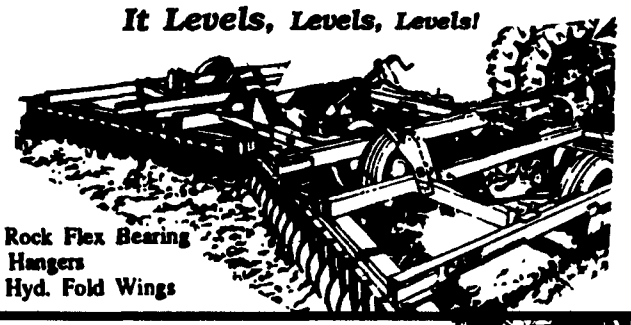
5120
2WD, 77 HP



- Powerful Turbocharged Diesel
- Powershift Trans.

IN STOCK AT OLD PRICE!

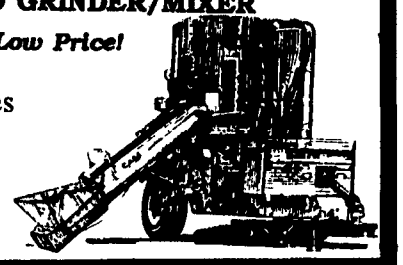
CASE IH 3900 FOLDING DISC HARROW
It Levels, Levels, Levels!



- Rock Flex Bearing Hangers
- Hyd. Fold Wings

CASE IH 1350 GRINDER/MIXER
Big Capacity — Low Price!

- 150 Bushel • Scales
- Flotation Tires
- Folding Extension Auger



CASE IH 14 SUBSOILER w/ AUTO RESET

- *Breaks Up Hard Pan*
- *Increase Yields*

CASE IH SKID STEER
The Deals Have Never Been Better!

Models 1840, 1845

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case IH

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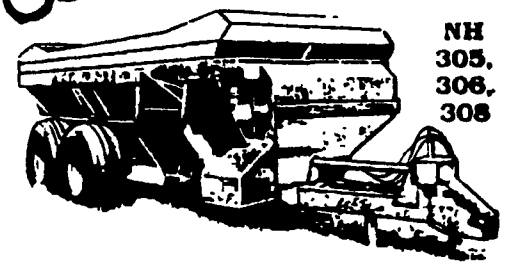
Your Ford New Holland Equipment Headquarters

Ford FORD NEW HOLLAND

Looking For A Spreader? Now Is The Time To Buy! PRICES REDUCED!!

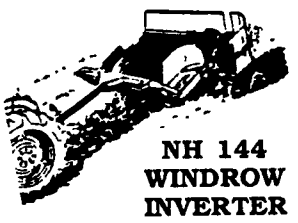


NH 305, 306, 308

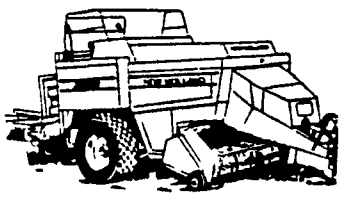
0% FINANCING/18 MONTHS!

"I Just Got A Great Deal At Messick's! The Prices Have Never Been Better! You Should Shop Messick's Before You Buy."

WINTER BUYERS DIVIDENDS END 1/31/92
BUY TODAY AND SAVE BIG $$!

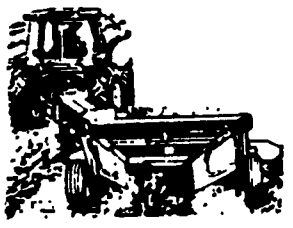


NH 144 WINDROW INVERTER

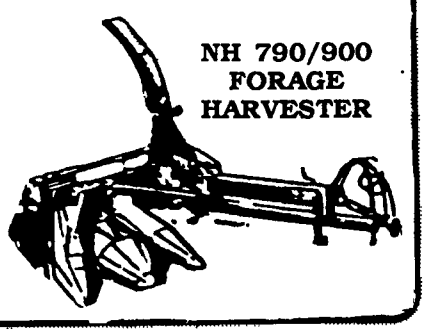


NH 2000 BALER

NH 216 UNITIZED RAKE



NH 411 DISCBINE

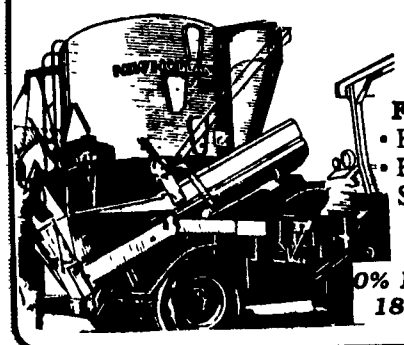


NH 790/900 FORAGE HARVESTER

NH SKID STEER LOADER
0% Financing/12 Months

Call Today!
We Have A Deal You Can't Resist!

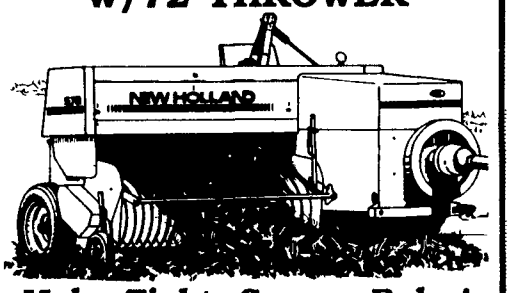
Grind Your Own Feed For Less Than You Think!
NH 358 GRINDER MIXER



Featuring
- Hyd. Drive
- Electronic Scales

0% Financing 18 Months

End Of Season Special!
NH 570, 575 BALER W/72 THROWER



Make Tight, Square Bales!

NH 1499 MOWER-COND.

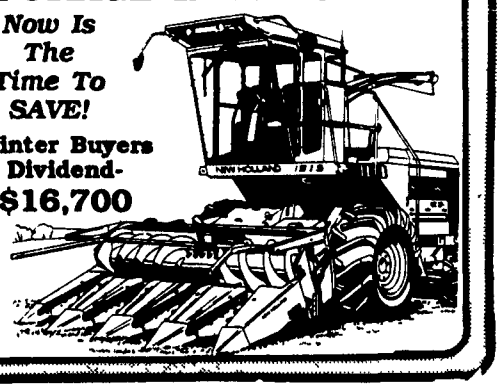
DEMO UNIT
$31,985

Cut Low, Clean With On-The-Go Hyd. Angle Cutter Bar!

NH 1915 - 2115 FORAGE HARVESTER

Now Is The Time To SAVE!

Winter Buyers Dividend- $16,700



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1 FARM EQUIPMENT

THE LUCKNOW MIXER WAGON

Simply the best value and the best in quality on the market today. Call your nearest dealer today.

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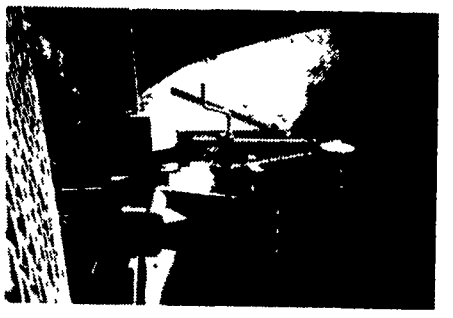
VORTEX

VORTEX Pumps

Check Out These Features

- Heavy duty construction means years of service
- Controls conveniently placed (no need to lean out over pit.)
- Maneuverable nozzle rotates 270° to reach out there and tear up that crust
- Low positioned fill pipe to bottom fill spreaders and trucks (allows hose to drain empty.)
- Has chopper blade and knives to handle bedding
- Matches your tractor horsepower 70 HP - 540 RPM 110 HP, 1000 RPM

8 Ft. 540 RPM **$4,390.00**



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Agricultural Limestone — Liquid Waste

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Lititz, Pa 17543
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"Call Us For Your New Equipment Needs. Ask About Our Program Options."

USED EQUIPMENT

Yanmar model 155D 4WD, turf tires
(2) NH L455 skid steer ldr.
NH L35 skid steer, reduced!
Ford 2910, Only 364 Hrs.
Ford 535 TL
Ford 555A TLB w/extendable dipper extremely clean
Ford 4600 dsl. w/cab, very clean
Ford 4600, SU w/loader, very clean
Ford 8N
David Brown 995
NH 315 baler w/70 thrower
NH 320 baler, clean
(3) NH 273 baler, SS/PU, w/throwers
NH 310 w/70 thrower
NH 513 w/endgate
NH 680 spreader w/pan
Meyers 350 spreader w/endgate
NH Haybines: 469, 479, 488
NH 770 2 RN head
Gehl blower w/re-cutter
Gehl CB600 2R head & windrow pickup
NH 770 w/2RN
(2) 13 disc Ontario drill
IH 720 plow 4x18
84" snow blade f/NH skid steer

We're Over Stocked In New Box Spreaders. Call Us!

Parts Shipped UPS Daily

We Have A Get-Away Vacation w/Purchase Of Any New Spreader
Toy Spreaders Not Included

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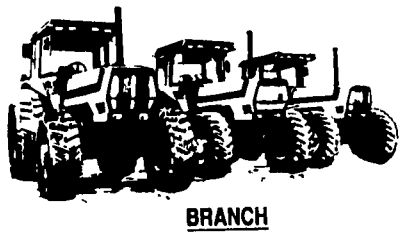
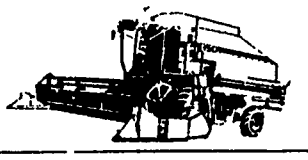
R & W EQUIPMENT

AGCO DEUTZ ALLIS

C.J. WONSIDLER BROS.





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Rts. 309 & 100
New Tripoli, PA
(215) 767-7611
Mon.-Fri. 7:30 AM-5:00 PM
Sat. 7:30 AM-12:30 PM

*** 3 LOCATIONS ***
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Quakertown, PA
(215) 536-1935 or 536-7523
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6:00 PM-9 PM
Sat. 7:30 AM-4:00 PM

BRANCH

Lobachsville, Oley, PA
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Mon.-Fri. 7:30 AM-5:00 PM
Sat. 7:30 AM-12:30 PM

TRACTORS

DA 6240 D w/Loader, Like New
AC 6060 D, w/Ldr., Excellent
AC 7030 D
AC 7060 D w/Cab, Air And Heat
AC 185 D, Low Hours
AC 160 D, Excellent
AC WD45
AC WD
Ford 8N
Ford 800 w/Front-End Loader And Backhoe
MF 1150D w/Cab
JD 3010 D
JD 60
White 105 D, Excellent
Oliver 1850D
Oliver 1650D
Oliver 1600D
Oliver 550
Farmall Hydro 70D
Farmall 504 w/3 Pt. Hitch
Case IH 574D
Case 500

COMBINES

(1978) AC Gleaner M2 D w/Cab Air, 15' Grain & 630 Corn Heads
AC Gleaner FKS D w/Cab, 13' Grain & 438 Corn Heads
AC Gleaner K w/10' Grain & 238 Corn Head
AC Gleaner E w/Cab, 10' Grain And 238 Corn Heads
JD 55 w/Cab, 12' Grain And 2 Row Corn Heads
JD 6600 D w/Cab & Air, 13' Grain & 630 Corn Heads
JD 4400 D Combine w/13' Grain And 438 Corn Head
IH 815 w/Cab, Air, Heat, M810 15' Grain Head, M863 Corn Head
NH 975 Gas w/Cab & Both Heads
NI 2R Pull Type Husker w/325 Husking Bed & 329 Sheller, Excellent!
NI 323 1-Row Picker, Excellent!
NI 324 2-Row Picker
AC 630 Corn Head For N Or R Series Combines
Case 70 Front-End Loader
Bobcat 743 Skid Steer Loader
Case 1835 C Skid Loader, Like New, Low Hours

TILLAGE

AC 2000 6-Bottom Plow, On Land
JD 5B Spring Trip Plow
(2) MF 4B 3 Pt. Plow
JD 1000 12' Disc w/Trans. Harrow
JD 17 Disc Grain Drill
AC 600 Air Champ Planter 6-30" Rows
AC 600 Planters, 4-30" & 4-38" Rows

MANURE SPREADERS

NH 791 370 BU, Good
NH 675 w/Endgate, 300 BU.
NH 518, 220 BU.
NI 214, Liq. Pan, 210 BU., A-1!

MISC.

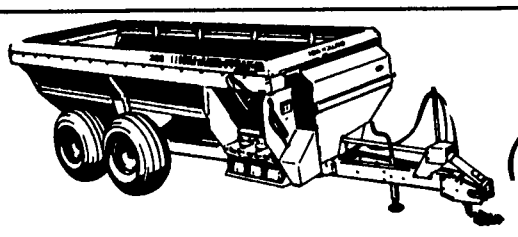
(2) Weaverline 330 Silage Cart
NH 352 Grinder/Mixer, Excel!
NH 357 Grinder/Mixer, Excel!
NH 358 Grinder/Mixer w/Scales, Low Hrs.
Gehl Grinder/Mixer
Grain Chief 400 Bu. Dryer, PTO Drive

HAY TOOLS

JD 1209 Haybine
(2) NH 489 Haybine
(2) HESSTON 1014 Hay Conditioner
JD 346 Wire Baler
IH 2400 Round Baler
NH 276 Baler w/Kicker
NH 310 Baler w/Kicker
NH 273 Baler w/Kicker
NH 275 Baler w/Kicker
NH 320 Baler w/Wire Tie
(2) Grimm Ground Driven Tedder
Vicon 165, 5½ ' Disk Mower, EXCEL!

FORAGE HARVESTERS

NH 1880 Hydrostatic Drive w/P.U. And 2 Row Corn Head
NI 767 Self-Propelled w/702 Power Unit And 238 Corn Head
NH 28 Forage Blower
Gehl 660 Forage Blower
AC 63 Forage Blower
NH 717 Harvester w/Pickup And Cornheads
JD 35 Harvester w/Pickup And Cornheads
770 1 Row Snapper Head For NH Choppers



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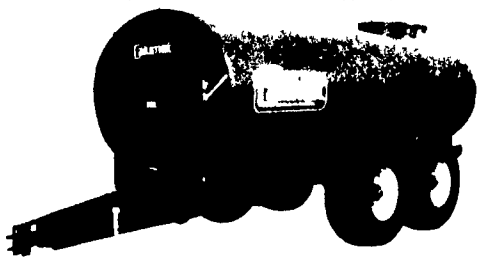
(New) New Holland And New Idea Manure Spreaders

"Save Hundreds Of Dollars!"

Calumet



NEW SPREADERS IN STOCK FOR IMMEDIATE DELIVERY

FOR SALE OR LEASE

- **Spreader Tanks** - 2250 Thru 6500 Gallons
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- **Truck Mount Tanks** - 2250 Thru 4500 Gallons
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- **Replacement Vacuum Pumps** - 177 Thru 353 CFM's

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BEST BUYS IN USED TRACTORS

Ford 9N
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Ford Super Dexta, Excellent Cond.
Ford 660 w/Loader
#1933. Ford 2000
#1934. Ford 2000
Ford 2600, Gas w/PS
Ford 4000 Diesel
Ford 5000 Row Crop
Ford 445 Loader
Ford 5610, w/DP, 2,000 Hrs.
Ford TW10, Cab & Air
Ford TW15, 4WD w/Cab & Air, 1,700 Hrs., 20.8 Radials, 14.9x28 Radials, New
Ford 555B, TLB, 1,200 Hrs.
Ford TW25, 4WD
JD 60
JD 2140, 4WD, Cab & Loader
JD 3020 Power Shift
JD 4030, Syncro
Farmall F12
MM Waterloo
Mitsubishi 160, 16 H.P. w/Loader
IH 574 w/Loader 1 Yr. Old
New Sanderson Forklift, 4WD, 22' Extend-A-Ram w/6,000 Lb. Capacity
MF 20 Industrial w/ Loader
Super 88 Gas w/ Hydraulics
White 549 6-18 Plow
New 6 Row White Cultivator
NH 1495 Self-Propelled Haybine w/2 Year Old Head
NH 209 Haybine
NH 411 Discbine
NH 489 Haybine, Good Cond.
NI 512 12' Swing Tongue Haybine
(2) NH 276 Baler w/Thrower
NH 455 Skid Ldr.
(2) NH 775 Skid Ldr. w/Deutz Engines
JD 3950 Forage Harvester w/Meta-lert, 2 Row Narrow Corn Head, 5 Ft. Hay Head
NH 818 Forage Harvester w/2 Row Wide Head, 5 Ft. Hay Head

Hours: 8:30-5:00 Mon. Thru Frl.
8:30-12:00 Saturday

—PERFORMANCE TESTED—

Tag #	Description	No Trade Cash Price
684	New Holland 367 Flail Tank Manure Spreader	$1,200
590	New Holland 518 Box Manure Spreader	$2,900
	New Holland 519 Manure Spreader	$3,850
	New Holland 329 Box Manure Spreader	$2,500
	New Holland 328 Box Manure Spreader	$2,500
	New Idea 364 Manure Spreader	$5,800
609	New Holland L-555 Skid-Steer Loader	$10,500
611	New Holland L-778 Skid-Steer Loader	$12,750
516	NH 775 Skid Steer Loader	$7,995
654	New Holland L-445 Skid-Steer Loader	$8,500
29	New Holland L-445 Skid-Steer Loader	$6,500
615	New Holland L-454 Skid-Steer Loader	$8,900
	"We Have Buckets & Forks for these Loaders"	
671	John Deere 2440 Tractor w/Loader	$12,500
445	Massey Ferguson 1135 Tractor w/Cab	$7,500
55	Ford 1600 Tractor	$4,900
626	Ford 6000 Tractor	$4,500
612	E-Z-Go Truckster	$2,595
472	New Holland 890 Forage Harvester	$5,500
5382	New Holland 939 A3 Auger Base (New Warranty)	$2,900
196	New Holland 890 N3 3 Row Corn Head	$3,500
	Tag #472, 5382, 196 Package Price	$9,500
694	New Holland 890 Forage Harvester	$5,500
45	New Holland 880 R2 2 Row Corn Head	$375
	Tag #694 & 45 Package Price	$5,500
674	New Holland 770 Forage Harvester As Is	$1,000
662	New Holland 770 R2 2 Row Corn Head	$750
	Tag #674 & 662 Package Price	$1,500
524	IHC 720 Forage Harvester w/2 Row Corn Head & Windrow Pickup	$4,900
74	New Holland 28 Forage Blower	$1,650
	New Holland 30 Forage Blower choice	$1,550
558	New Holland 1495 12' S.P. Haybine	$13,500
534	New Holland 1495 12' S.P. Haybine	$11,500
452	New Holland 495 12' Pull Type Haybine	$5,500
665	New Holland 411 Discbine	$7,850

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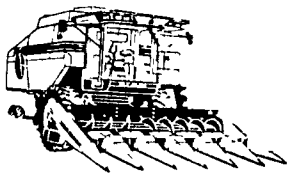
AGCO DEUTZ ALLIS

JAN. 9th & 10th (Thurs. & Fri.)

10 AM - 4 PM

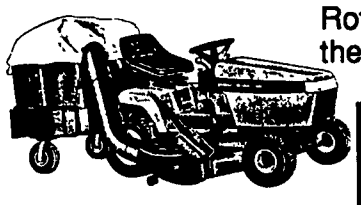
OLEY OPEN HOUSE

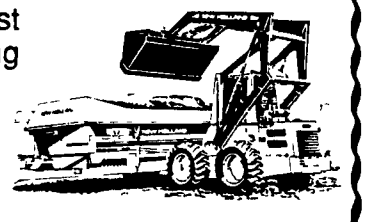
8630 AGCO Allis w/Atmosphere



You are invited to discover the "Deutz-Allis Difference" when you join us for our annual **OLEY OPEN HOUSE** on **Thursday or Friday, January 9 or 10, 1992.** Meet our sales, parts and service specialists between **10 AM to 4 PM each day.**

Come see the all new **"orange"** line of AGCO Allis tractors ranging from 40 to 128 PTO HP. That's right, orange is back! Plus, the new Deutz-Allis 9100 Series Tractors that deliver reliable, fuel-efficient 135 to 193 PTO horsepower, with operator comfort. Be sure to come in and meet our new Deutz-Allis ComforTech Gleaner Series II Rotary Combines. The finest Rotary ever built on the market. Plus, our new DA 1992 lawn & garden equipment featuring the most exciting models ever that will groom your farm or home efficiently.



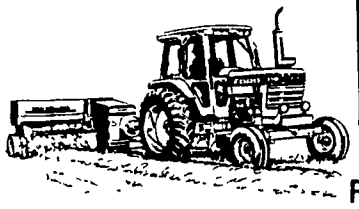


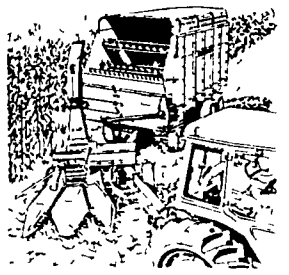
WIN A FREE GIFT CERTIFICATE — Register Thursday or Friday and two grand prizes will be awarded at the close on Friday, January 10, 1992.

1st $500.00 GIFT CERTIFICATE — towards the purchase of a new DA or Ford 40 HP or up farm tractor.

2nd $200.00 GIFT CERTIFICATE — towards the purchase of any new DA Lawn & Garden tractor.

You must be 18 years of age or older. Certificate will expire 12/31/92.





Remember our full new blue line of Ford ag and compact diesel tractors. Plus, New Holland's efficient family of quality built manure spreaders, skid loaders, hay and forage equipment.

SPECIAL OFFER — on **January 9 & 10, 1992,** all **parts** purchased will entitle you to a **10% DISCOUNT,** if paid in cash at time of sale.

FORD NEW HOLLAND OPEN HOUSE

Let us show you our NEW tractor and equipment films, serve hot refreshments, introduce company representatives, and award prizes to you. Come in and take advantage of all these specials.

FORD NEW HOLLAND OPEN HOUSE

Only January 9th or 10th!

—C.J. WONSIDLER BROS.—

Belarus

DEPENDABLE
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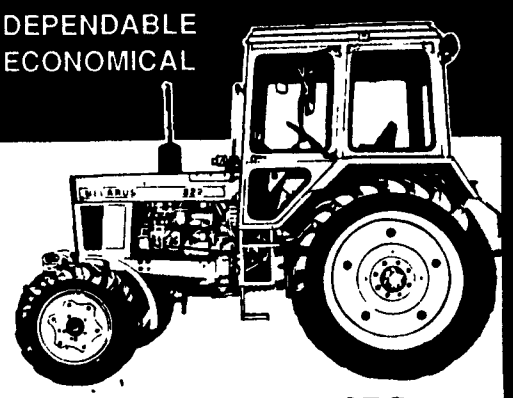

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See Our Tractors At The Pennsylvania Farm Show In Harrisburg January 11-16th

Visit our farm and try our tractors
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(2) IH Hydro 70.$8,900 and $10,500
(2) IH 1066.....$11,500
1086 Cab & Air, 2500 Hrs.....$17,500
IH 986 Cab & Air.....$14,900
IH 504 .....$3,200
JD 350 Dozer w/6-way Blade.$10,500
IH 666 Gear Driven $8,500
Case IH 2250 Loader.....$2,950
Roll Bar & Roof for IH 684.....$600
IH 460 Utility w/ldr. $2,900

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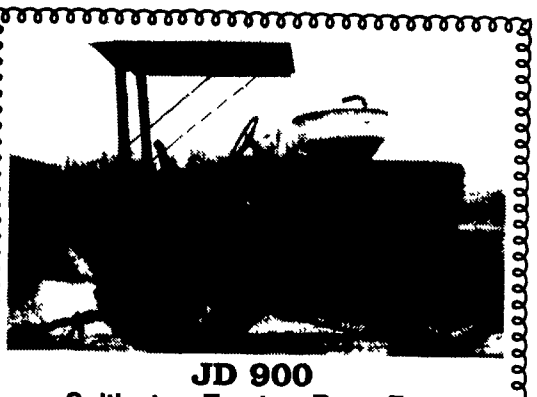

JD 900
Cultivator Tractor, Runs Exc.
$6,500
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Leaman Tractor Parts

329 Brenneman Rd.
Willow Street, PA 17584
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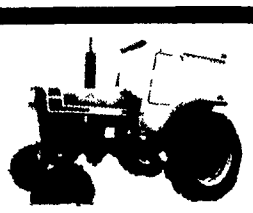
(Turn Left on Brenneman Rd. from 222 S at Refton)



TORQUE AMPLIFIERS & CLUTCHES

- ★ New Wider Heavy Duty Super Sprag 1-1/32" Wide
- ★ 5 Yr. Warranty Against Sprag Failure
- ★ Price $695.00

*5 yr. - 100% parts & labor against sprag
*2 yr. - 100% parts & labor on remainder of unit
Our standard heavy duty TA is still available at $645.00 and carles a *2 yr. - 100% parts & labor warranty.
* Certain restrictions apply and there will be a maximum labor pay-out of $450.00
We also have units & parts available to rebuild old style TA's, including ramp & carrier sets.
NEW price on ramps & carriers - $200 00

New Replacement Spindles

New $150.00

We have New Spindles Available To Fit Most IH, JD, AC, Case Tractors.

Also Many Other New Replacement Front-End Parts Available

QUALITY USED PARTS

We specialize in IH tractors but we also have Case, Oliver, White and Massey tractors in our inventory.

Recent Additions To Parts:
IH 560, IH 966, 1468, 1566
IH 2424, 460, 706, 806
IH 404 986, 884, 826, 856, 606, 2606
IH 1066, IH 340, 1981 Model 986
IH 815 Combine
JD 6620 Sidehill

USED TRACTORS

IH 2000 Loader to fit IH utility tractors
Hinicker 1300 cab to fit IH tractors
2 post ROPS to fit IH 56 & 66 series tractors
MM G1000 Vista WF, 3 Pt, Dual PTO, Dual Valves
MM G900, 3 pt. WF
Farmall Super M, WF, 3 Pt., Live Hydraulics
IH 1066 cab, air, 4200 hrs, bright original tractor
IH 1566 cab, air, 20.8x38 duals, dual PTO, dual valves
Case 830 diesel WF Eagle hitch, good condition
JD 4640 1981, PS, cab & air, duals and weights, 3700 hours, exc. cond.
IH 240 w/3 pt., very nice

COLLECTORS ITEM

JD 1932 GPO On Steel,
Restored Serial #15328
JD 730 Diesel, High Crop,
Elec. Start, Good Running Condition
JD 70 High Crop
Serial #7003089

Combines And Heads
JD 13' Rigid grain head
JD 213 grain head
JD 543 Cornhead 5R, 30"
Uni System 713, 716 grain heads
UNI 744 cornhead

Cowan Equipment
Martinsburg, PA
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NH 1895 chopper, 4x4 & 4 row corn head
NH 1880 chopper, 2WD, 3 row narrow corn head & grass head
JD 4050, roll guard & quad range
JD 2950, 4WD, 38" rubber
JD 2950 very sharp
JD 2950, 4x4
JD 2750, excellent conditon
JD 2550 w/roll guard
JD 2840, hi-low, dual hydraulics
JD 4630, cab & air, power shift
JD 4430, cab & air, quad range
JD 4430, cab & air, power shift
JD 4230, 4 post, power shift
JD 4230, cab & air, power shift
JD 4320, 38" rubber, excellent condition
JD 4020 power shift, dual hyd.
JD 4020, side console
JD 4000, power shift
JD 3020, side console
Ford TW25, cab & air, 4x4
Ford 9700, cab & air
Deutz DX140, cab & air, 4WD
AC 200
AC 185
IH 1566, cab & air
IH 1066, red cab, radial tires
IH 1066, cab & air.....$9,000
IH 560 gas
IH 584 utility
White 2-85
White 2-105, cab & air
White 2-135, 4x4, 1980 model
Oliver 2255 w/cab, 4WD
Oliver 1855 w/cab
Oliver 1850 diesel w/3 spd.
MF 180 diesel
MF 1135, cab & air, excellent condition
JD 350, 6 Way Blade
Case 450 w/6 way blade
Bobcat 825 diesel
Bobcat 743
Miller 10' offset disc
Brillion 6 Row Cultivator
NI 325 narrow row, 12 roll bed picker
JD 7000 corn planter, 6 row, no-till
Axle mount duals for IH 38"
Roll guard for 2950..... $650
Turbo charger for a 4030
Turbo charger for a 4230

COMING...

CUSTOMER APPRECIATION DAYS SALE

MON., JAN. 20th THROUGH FRI., JAN. 24th, 1992

8 AM to 5 PM

BIG SAVINGS IN PARTS & EQUIPMENT

See Next Week's Issue For Full Details

MASSEY-FERGUSON

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Not Only Does RICHARDTON Handle Forage Crops, But They Have Models Available For Specialty Crops Such As Vegetables, Etc.

WE HAVE SEVERAL IN STOCK FROM BEFORE THE PRICE INCREASE!

Get Yours Now!

FORAGE
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CUCUMBERS
SWEET CORN
SEED CORN
EAR CORN
PEAS
BEANS
CARROTS
SUGAR BEETS
GRAIN

COMPARE THESE FEATURES AND OPTIONS

Simple hydraulics allows one valve to operate the lift and stabilizer cylinders. Center plumbing means less hose length and easier coupling.

The basic box is heavy-duty steel welded seams, and reinforced for even more strength.

Standard offset hitch adjusts in 5-inch steps to lengths from 6'3" to 7'11". To allow for different row crop spacings, you can offset either right or left 5, 7½, 10 or 12½ inches.

Rub rails offer more protection to vehicles when approaching, during dumping cycle, and when departing.

Stabilizer cylinders hydraulically lock on to axle to hold wagon rigid during dump cycle.

Galvanized roof features vent insert for straight-through air flow.

The model 700 dump wagon is designed for years of trouble free service. The hydraulic system with a cable assist is designed to unload large loads of up to 20 000 lbs. quickly and efficiently even if the load is not distributed evenly.

RICHARDTON

BINKLEY & HURST BROS. SAYS SEE A RICHARDTON DUMP WAGON AT THE PA FARM SHOW NEXT TO THE SUNFLOWER BOOTH (Inside)

- **They Do Work With Ear Corn**
- **They Do Work With Forage**
- **They Do Work With Vegetables**

NOTE! No Need To Unhitch; Rehitch This Dump Wagon When Chopping With A RICHARDTON

THINK ABOUT THIS!

The Safety Of Using Trucks On Our Crowded Highways Today Is Much Better Than Swinging Tractor & Wagon Setups

Make your operation safer • Use year round • Variety of crops • All field conditions • Operate in wet and muddy

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MISCELLANEOUS NEW EQUIPMENT

(1) New Rubber Tire Scrapers, Bucket Mount For Skid Loaders & 3 Pt. Hitch
(2) CTI Construction Pallet Forks To Mount On Loader Buckets, Heavy Duty, 3 Size Ratings In Stock, 2500 Lb., 4000 Lb. & 6000 Lb.
(3) 14' Heavy Duty Cultipacker, 19" Rolls & Extendable Hitch. Come & See This Quality Packer
(4) Rhino 3 Pt. Rotary Cutters 5' & 7'
(5) Rhino 3 Pt. 8' Rotary Mower, Twin Spinner w/Dual Gauge Wheels, Heavy Duty
(6) Rhino LR 55 HP Rating, 3 Pt. Scraper Blade, Heavy Duty w/Lots Of Nice Features, 6', 7' & 8'
(7) Rhino R900 100 HP Rating 8' 3 Pt. Scraper Blade w/3-Way Adjustment, Buy At Old Price & Save $
(8) Rhino 3 Pt. Heavy Duty Post Hole Diggers, Only A Few Left 9" & 12" Augers At Old Price - Before Price Increase
(9) Athens 7 Shank 3 Bar Chisel Plow 3 Pt. High Clearance, 32" Spring Shank
(10) Husky 3000 Gal. Vacuum Tanker In Stock, 4" Axles, w/5 Year Axle Warranty, 6" Fill Port w/Hose
(11) New Bolens 16 HP Riding Mower, Hydrostatic Drive, 42" Mower & Front Snow Blade, New Warranty, Was $2990.....Save $90 and Pay Only $2,100
(12) New Husky 3600 Gal. Top Fill Tanker In Stock, Reasonable Price!
(13) New Bale Thrower Attachment Model 8511 Thrower To Fit Case IH 8500 Series Square Balers.....$1,900
(14) Quality Running Gears At Economy Prices, Martin 7 Ton, 8 Ton, 10 Ton & 12 Ton, Call And Ask For Amos Sr.
(15) • New McCurcy Gravity Flow Bins • New McCurdy Running Gears • New McCurdy Fertilizer Auger Attachments To Fit Gravity Bins & Truck Bodies • New McCurdy Round Bale Plastic Wrapper Attachment • McCurdy Combine Header Transport Runnig Gears
(16) New Richardton 700 Dump Wagons In Stock At Old Prices - Save Now!
(17) PTO Driven Hay Tedder For 9' Swath, Spinner Type
(18) No. 7561 Cat II 3 Pt. Quick Hitch Coupler For 3 Pt. Adapter, 145 HP Rating, Work Saver Model.$375
(19) New Shindawia Back Pack Engine Power Leaf Blower, No. 5687, Excellent For Clearing Driveway Debris Only.....$360
(20) New Bolens 8 HP Rear Engine Riding Mower, 28" Deck & Rear Bagger, New Warranty.....$999

SPECIALS ON USED FARM EQUIPMENT

(1) UM 1889 Like New New Holland 311 Square Baler w/Engine, Horse Drawn, Spring Cushion Wheels
(2) UM 1971 3 Pt. 102" Wide Dual Auger Snow Blower In Good Cond.
(3) UM 1740 21' Narrow Transport Wing Disk, Double Offset Design, Rock Flex Bearing Hangers & Packer Hitch, Amco-Glencoe Brand In Good Cond.
(4) UM 1948 Like New Gehl Model 175 Box Type Manure
(5) UM 1928 Sunflower 21' Wing Disk, Double Offset Rockflex, Very Good, 1¾" Axle Gang Shafts & Front Gang Gauge Wheels -Prevent Gouging To Give You A Perfect Finish, Come & See
(6) UM 1921 Krause 4900 Disk Harrow 22'6" Cut, Packer Hitch, Nice!
(7) UM 1957 40" Wide Manure Fork For Case 1816C & Older Models.....$75
(8) John Deere 7240 6 Row Planter Just Traded, Ask For Dan
(9) UM 1958 Betterbilt 1500 Gallon Vacuum Tanker w/Tandem Axle

SWEEPSTER POWER SWEEPERS

Model LH
Industrial and Skid Steer Loader

Model RHFA
Rear Mounted - Sweeps Moving Forward

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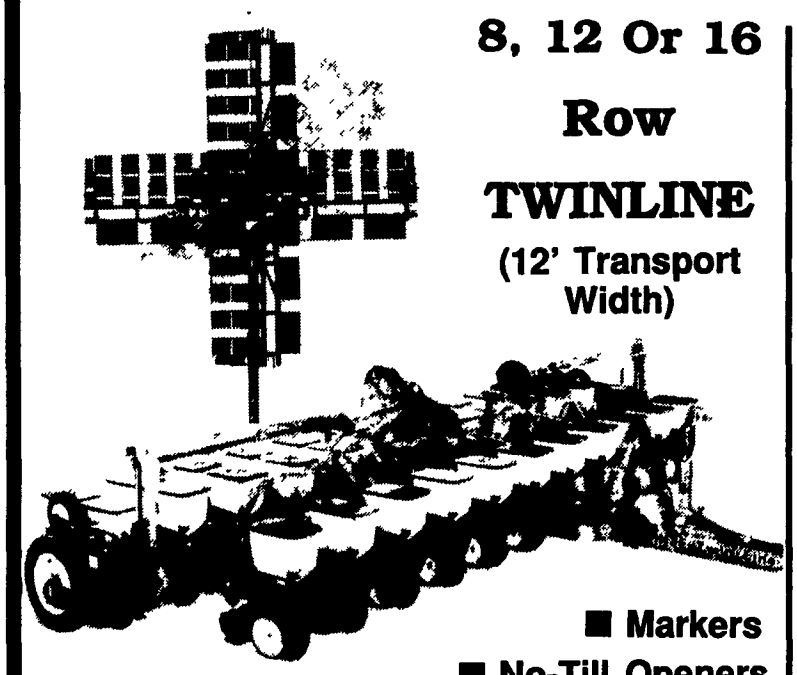
Farm Plan. A Service of FPC Financial

KINZE - PLANTERS THAT SIMPLY PLANT!

ORDER A NEW KINZE NOW AND BE ON TIME FOR A SUPER DEAL... AND BE READY TO PLANT THIS SPRING WITH A HEAVY DUTY KINZE FROM BINKLEY & HURST BROS. INC. *DON'T SETTLE FOR LESS-BUY THE BEST!*



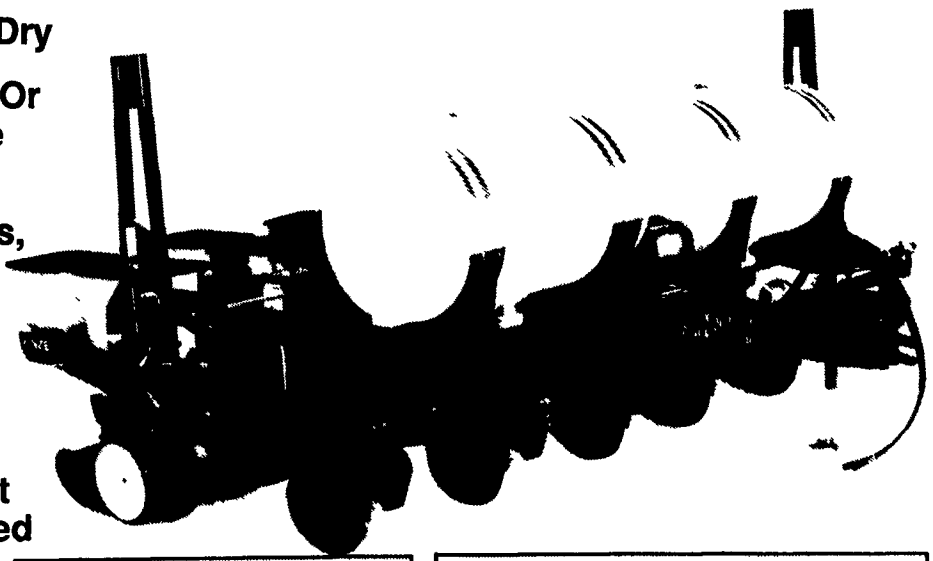
8, 12 Or 16 Row TWINLINE
(12' Transport Width)

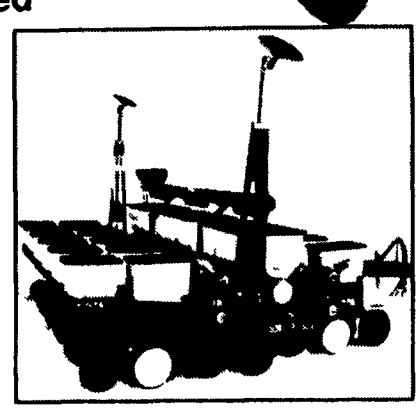
- Markers
- No-Till Openers
- Insecticide
- Liquid Or Dry Fertilizer

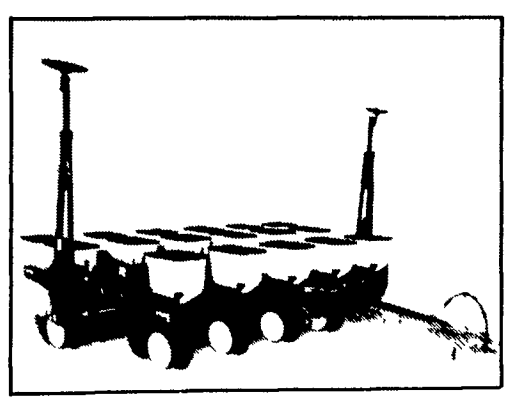
PULL TYPE MODELS

4, 6 or 8 Row 28"-40" Rows

- Liquid/Dry
- Single Or Double Frame
- Markers, Monitors, Insecticide
- Frame Or Unit Mounted No-Till







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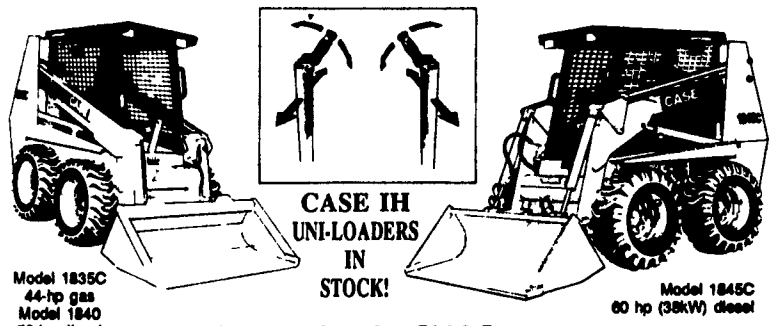
Binkley & Hurst Bros., Inc. Invites You To See An All "New" Case IH 1100 Series Model 1120 Diesel Tractor With Mid-Mount Shaft Driven 60" Mower Deck And A New Case IH 595 2 Wheel Drive 52 HP Diesel Tractor At The Harrisburg Farm Show With Other Quality Case IH Farm Equipment At The Inside Case IH Display. Ask For Binkley & Hurst Salesmen, Rick Pfautz or Landis Garman And Check Out Quality Case IH Farm Machinery At The Show!

WE ARE YOUR UNI-LOADER DEALER WITH SERVICE & VOLUME SALES FOR A SUPER DEAL!



Model 1835C 44-hp gas Model 1840 50-hp diesel

CASE IH UNI-LOADERS IN STOCK!

Model 1845C 60 hp (38kW) diesel

New Uni-Loader Skid Steers

- New power for more productivity.
- Two hand levers (no pedals) control direction, speed, all loader functions.
- Hydrostatic drive, forward and reverse.
- 4WD traction beats slippery footing.
- Great dump reach at maximum height.
- Range of operating loads: 550 to 1700 lbs.
- Construction-equipment weight and strength
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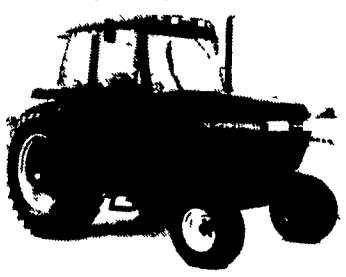
Stop in for a "hands-on" demonstration.

New Popular Case IH Model 145 Roll-Over Hydraulic Reset Plows Are Here!

18" - 34 & 4 Bottoms

BINKLEY & HURST HAS A MAXXUM 5100 SERIES TRACTOR FOR YOU!



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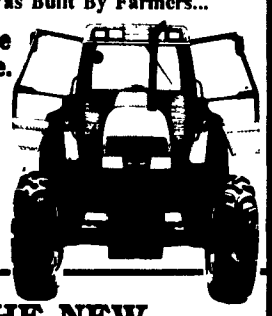
5120 ....77 HP
5130 ....86 HP
5140 ....94 HP

MAXXUM: The Tractor That Wasn't Just Built For Farmers, It Was Built By Farmers...

MAXXUM tractors feature door-to-door convenience.

A Greatly Appreciated Feature Is Our Two Door Cab!



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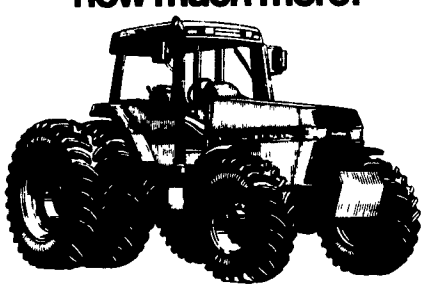
MAGNUM means more. Let us show you how much more!



MEET THE NEW 1100 SERIES

WHY NOT PURCHASE A NEW CASE IH 1100 SERIES TRACTOR WITH A CAB FOR WINTER-TIME WORK!?

Model	Engine HP	Hitch
1120	19 (14.2 kW)	Cat. 1
1130	23 (17.2 kW)	Cat. 1
1140	27 (20.1 kW)	Cat. 1

Beat The Price Increases!

New Case IH Machinery In Stock At Old Prices To Start The New Year In Right!

- New Case IH 900 Model, Non-Fold Cyclo 6 Row Narrow, Markers, Seed Flow II Monitor, Dry Fertilizer, Insecticide NC 3655
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- New Case IH 3309 Disc Mower Conditioner, 7 Disc, 9'3" Width, NC 3462
- New Case IH 600 Forage Blowers
- New Case IH 3204 4 Disc Mower, 5'6" Cut, NC 3394
- New Case IH 14 Subsoil Chisel 5 Tooth, Automatic Shank, NC 3618
- New Case IH 960 Rake Shaft Driven-No Belts
- New Case IH 860 Rake Parallel Bar Ground Drive Shaft Driven (No Belts)
- 8720 Forage Harvester, 2 Heads
- 8330 9' Pull Type Mower Conditioner, Economy Priced
- 8520 In Line Square Baler
- 8530 In Line Square Baler
- 8420 Round Baler 39" Wide Up To 54" Height
- 3650 Round Baler 5'x6' Bale, Greatly Reduced Price
- 5300 Grain Drills With Press Wheels, Check With Us For Your Size (Soybean Specials)
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- 5700 7 Shank 3 Bar 3 Pt. Chisel Plow
- #14 5 Shank Subsoiler
- 3 and 4 Bottom 145 Auto-Reset Rollover Plows
- 183 3 Pt. 6 Row Cultivator
- 184 Minimum-Till 4 Row Cultivator, 3 Pt. Hitch
- New Style 3900 20'9" Cut Width Wing Disk Harrow With Rock Cushions Gangs
- 181 3 Pt. 15' Rotary Hoe
- 510 Loaders For Maxxum 5100 Series Tractors
- 2255 Loader For 95 Series 4x4 Tractors
- Pull Type Vibra-Shank Field Cultivators, Call For Your Size

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- **Model 1231 Heavy Duty 18' Narrow Transport Wing Disk**
- **Model 4212 7 Shank Coulter With Optional Deep Till Shanks**

THE DISC FOR THOSE WHO DEMAND EXCELLENCE

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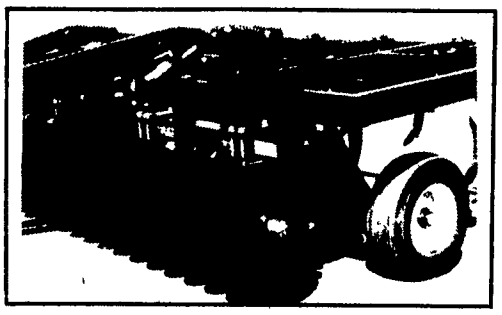
4212 TRASH MULCHING CHISEL PLOW

Widths From 9'-24'

H. Duty Trip Mount Shanks

Hyd. Coulter Adjustment With Optional Deep Till Shanks



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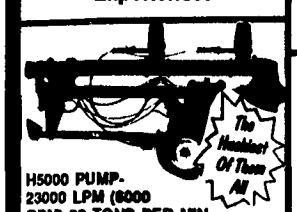

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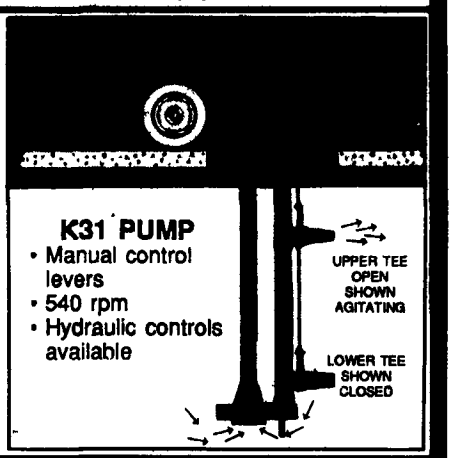

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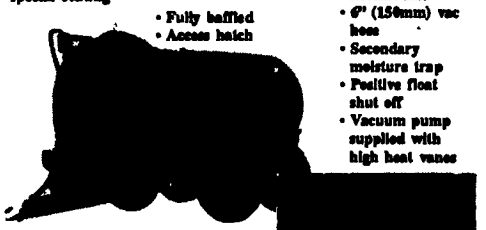

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(4) UT2406 Case 1845C Diesel Uniloader, 1987 Model $10,900
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(8) UT2550 Gehl 3610 33 HP Diesel Skid Loader, 1986, Only 2072 Hrs., 54" Bucket
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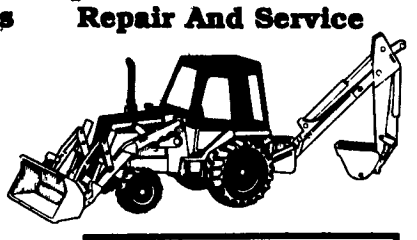

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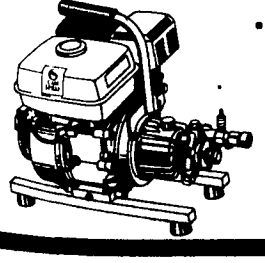

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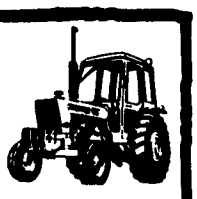

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IH 1086, Cab/Air, Nice	~~$11,500~~	$11,000
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MF 294 4x4 w/236 Loader	~~$10,500~~	$10,100
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JD 2520 Gas	~~$ 4,600~~	$ 4,300
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JD 2640 Late Style 2200 H	~~$11,500~~	$10,900
JD 1530 Hi-Lo	~~$ 5,500~~	$ 5,000
Case 1835 C Diesel Skid Loader 1068 H	~~$ 8,500~~	$ 8,100
MM G900	~~$ 3,500~~	$ 3,200
JD 450C Loader/Backhoe	~~$14,000~~	$13,000
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JD 300 Picker	~~$ 3,000~~	$ 2,700
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IH 4X Rollover Plow	~~$ 1,500~~	$ 1,200
MF 43 Corn Head	~~$ 1,900~~	$ 1,500
Ford 6X Onland Hitch Auto Reset Plow	~~$ 2,500~~	$ 1,500
MF 6X Onland Hitch Auto Reset Plow	~~$ 2,800~~	$ 2,400
JD 110 Disk	~~$ 1,900~~	$ 1,500
Deutz Allis Disk Mower	~~$ 2,000~~	$ 1,700
Dunham 34' Rock Flex Disk	~~$ 4,000~~	$ 3,500
Landall 12' Soil Finisher	~~$ 3,500~~	$ 3,000
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Sale Price $19,500⁰⁰

Also In Stock:
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SALE ENDS JAN. 31, 1992

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3-Point Mounted Or Trailer
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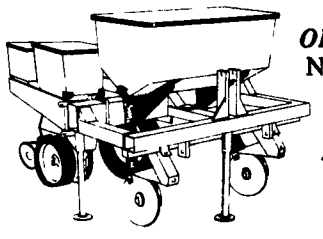

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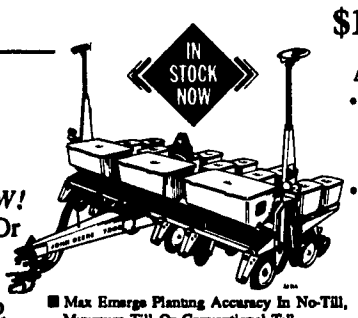

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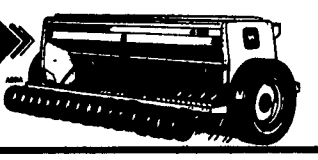
450 END-WHEEL DRILLS: GOOD MADE BETTER

- 35 percent greater penetrating force than John Deere 8000 Series Drills.

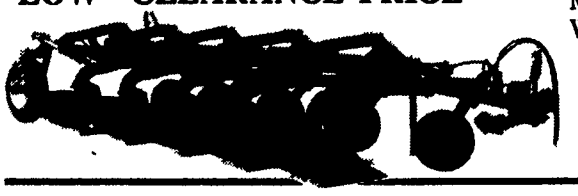
- JD 450, 8' With Grass Seed Attachment
  Sale Price -$4,590⁰⁰
- JD 450, 12' With Depth Gauging Press Wheels
  Sale Price -$6,990⁰⁰

IN STOCK NOW



SALE ENDS JAN. 31, 1992

HIGH CLEARANCE PLOW- LOW "CLEARANCE PRICE"



- JD 2810 5 Bottom Semi-Mounted Plow, High Clearance With Adjust-On-The-Go Bottoms, Spring Reset
  Sale Price -$9,990⁰⁰
  With Coulters (1 Only)

SALE ENDS JAN. 31, 1992

714 Mulch Tiller...

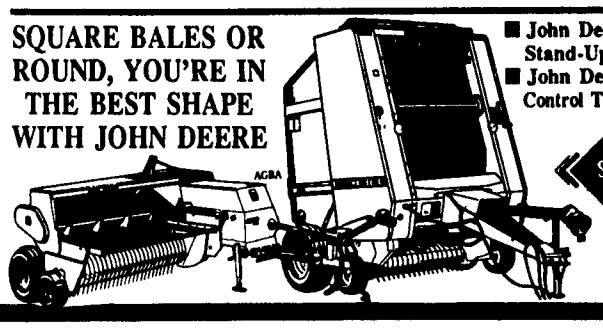
Winterize your fields with a healthy layer of soil and moisture-preserving residue

- JD 714 Mulch Tiller, 11'3", 9 Shank, 3 Bar With Heavy Duty Tru-Depth Reset Standards

Sale Price $9,200⁰⁰
(1 Only)

SALE ENDS JAN. 31, 1992

SQUARE BALES OR ROUND, YOU'RE IN THE BEST SHAPE WITH JOHN DEERE



- John Deere Round Balers Make Dense, Solid, Stand-Up-Tall Bales
- John Deere Square Balers Have The Hay Control To Produce Bales That Stack Like Bricks

IN STOCK NOW

- JD 348 Square Baler
  Sale Price -$10,990⁰⁰
- JD 335 Round Baler, Makes 750 Lb. Bales
  Sale Price -$9,150⁰⁰

SALE ENDS JAN. 31, 1992

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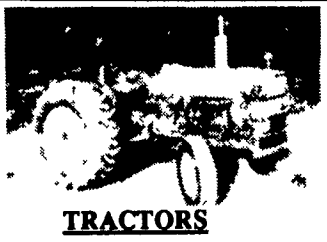
Saturday 7-Noon
JOHN DEERE

BARGAIN HUNTER VALUES - *Many To Choose From!*



TRACTORS
- Ford 4600 52 HP
- Ford 3600
- Ford 3000
- Ford 4000
- Ford 4000 w/Loader
- Ford 1720 w/Loader, 27 HP
- Ford 555 Ind. Loader
- John Deere 855 w/Loader
- John Deere 4430
- MF 275 w/Loader, 65 HP
- MF 1035 31 HP
- AC D17 Gas
- Farmall 856
- Farmall 460
- Farmall 400
- Farmall 350 w/Loader
- Leyland 262 Synchro w/Loader, 60 HP
- IH 2500 w/Loader & Backhoe

SPREADERS AND MATERIAL HANDLING
- New Holland 518, 520
- New Holland 304
- New Idea 218
- New Holland 305 Side Delivery
- New Holland 357 Grinder Mixer

PLANTING & MISC.
- IH 5100 Drill
- Brillion 5 Shank Chisel Plow
- IH 3 Bottom Plow
- IH 4 Bottom Plow
- John Deere 3 Bottom Plow
- John Deere 5 Bottom Plow
- MF 4 Bottom Plow
- 950 Roller Harrow
- IH Disk Harrow
- IH 14' Subsoiler
- John Deere 175 Loader
- John Deere 260 Loader
- Ford 772 Loader

SKID STEER LOADERS
- New Holland L-785
- New Holland L-553
- New Holland L-781
- New Holland L-425
- New Holland L-775
- Case 1845
- New Holland 555

★ COLLECTOR'S ★ SPECIALS:
- JD 730
- JD Model L

★ SPECIALTY ITEMS OF THE WEEK ★
- MF 383, 60 HP
- Ford 2910, 36 HP, Less Than 40 Hrs.
- Ford 5610, 62 HP
- John Deere 2550 w/Loader

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FEEDER WAGONS
Manufactured By:
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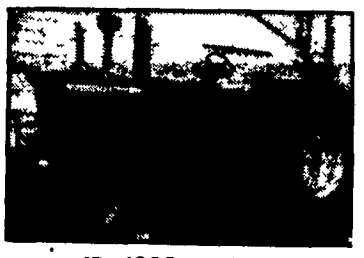

JD 4020 DIESEL,
P. Shift, Diff. Lock, 18.4x34 Rubber, Good Condition
$5,800
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All Steel Frame
Hay Wagon, 8x18
All Sizes, Steel
Hay Feeders
24' Feeder On
Whls.
Self Locking Panels
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743 Bobcat
Excellent Condition, Tooth
Bucket, Like New Tires
$7,850 OBO
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TRACTORS

1981 JD 4440 Dsl., Cab, Air, Power Shift, 3200 Hrs., Front Wheel Assist, Triple Hydraulics
JD 4650 Cab, Air, MFD, 15 Spd., Power Shift, 18.42 w/Duals, Very Nice
1987 JD 4450 Cab, Air, Power Shift, MFW, 1200 Hrs., 18x42 w/Duals, Excellent Cond.
1976 JD 4130, Cab, Air, QR, 4200 Hrs., Excel. Cond. SOLD
JD 4320 Dsl., Cab & Air, Very Nice
JD 4230 Dsl., Cab, Air, QR, 38" Rubber, Very Nice
1982 JD 4040 Dsl., Cab, Air, Power Shift, Very Nice
1972 JD 4020 Dsl., WF, Side Console, Dual Hyd.
JD 4000 Dsl., WF, YR Cab, Dual Hyd., Very Good
JD 4430 Dsl., Cab, Air, QR, Very Nice
1987 JD 3150 Dsl., Cab & Air, MFD, 1,000 Hrs., Excellent Cond.
1979 JD 2640 Dsl., 2300 Hrs., HI-Low, Indep. PTO, Dual Hydraulics, Excellent Cond. SOLD
JD 2630 Dsl. Indep. PTO
JD 2750 Dsl., HI-Lo Indep. PTO, Rack & Pinion, 16x38 Rubber, Excellent Condition
JD 2520 Dsl., WF, Dual Hyd., 3900 Hrs., One Owner, Very Nice
JD 530 Tricycle w/3PT, Good Cond.
IH 5088 Cab & Air, 20x38 Rubber, Very Nice
IH 1466 Dsl., Red Cab w/Air, New TA, 3,100 Hrs., Dual PTO & Axle Duals, Very Nice
IH 1066 Dsl. w/Cab, Low Hours, Very Nice
1976 IH 766 Black Stripe w/Cab, 2900 Hrs., Exc. Cond.
IH 460 Gas, WF, Fast Hitch, Very Nice
Ford 2000 Gas, Power Steering w/Indust. Loader, No. 3PT, 1500 Hrs., Very Nice
Ford 7610 Dsl. w/Cab, Dual Power, Excellent Cond.
1981 MF 2705 Dsl., Cab & Air, 24 Spd. Power Shift, Very Nice

QUALITY COMBINES
(Displayed Inside Building)

1982 MF 550 Dsl., Air, Chopper, 1400 Hrs., 23" Rubber, Very Nice
1986 JD 6620 Dsl., Titan II, 1,000 Hrs., 28L Rubber, Fully Equipped, Excellent Condition
1981 JD 7720 Dsl. Cab & Air, Hydro, Very Nice
1979 JD 4400 Dsl., Cab & Air, 23x26 Rubber, Very Good Machine
1973 JD 4400 Gas, Cab & Air, 2100 Hrs., One Owner, Excellent Cond.
1975 JD 3300, Gas, w/Cab, One Owner, Very Nice
Gleaner K w/Cab, 10' Grain Platform
1980 Gleaner K2, Cab & Air, Grain Saver, 1000 Hrs., One Owner
IH 203 w/Cab, 10' Grain Table, Excel. Cond.
MF 13' Rigid Platform
JD 213, 215 & 216 Flex Head, Good Selection
JD 13' Rigid & Floating Grain Heads
IH 820 13' & 15' Flex Head
AC 10' Grain Platform Fits EIII/K2
Gleaner 313 Flex Head to fit F-F3
AC F2 13' Rigid Head

CORN PICKERS

NI 325 2RN, 12 Roll Bed, Late Model, Very Nice
NI 324 2RW 12 Roll Bed, Late Model
NI 324 2RN 12 Roll Bed, Very Low Acreage, Like New SOLD
NI 323 1 Row Corn Picker

HAY EQUIPMENT

JD 7' Hay Pickup Head
JD 2RN & 2RW Heads w/Slip Clutch
JD 1219 Mower Conditioner, Non-Clog Guards, Very Good Cond.
NH 489 Haybine
NH 411 Discbine, Excellent Cond.
JD 410 Round Baler, 4' Bale
JD 347T w/¼ Turn Chute, Very Nice
JD 347 Baler w/Ejector, Very Nice
JD 336 Baler w/Ejector
JD 327 Baler w/30 Ejector, Hydraulic Tension, Elect. Controls, Very Nice
NH 273 Baler w/70 Thrower, Baled 12,000 Bales, Excellent COnd.
NH 38 Flail Chopper, Like New
NH 847 Round Baler, Very Nice
NH 320 Baler w/Thrower, Very Good
NH 316 Baler w/¼ Turn Chute
NH 258 Rake w/Rubber Teeth
NH 851 Round Baler, Very Nice
NH 846 Round Baler, Excellent Condition
NH 1037 Bale Wagon, 105 Bale Capacity, Tandem Axle, Excel. Cond.
NH 1034 Bale Wagon, 105 Bale Capacity, Single Bale Unload, Tandem Axle, Excel. Cond. SOLD
NH 1002 Bale Wagon, 56 Bale Capacity, Very Nice
NH 1033 Bale Wagon Tandem Axle, 105 Bale Capacity, Very Nice
New Farmco 18' Steel Side Hay Wagons
NH 4 Star Tedder, Very Nice

JANUARY SPECIALS

IH 720 6x18 Spring Reset, Exc. Cond., $3,850
NH 315 Baler w/Thrower, $2,650
NH 320 Baler 70 Thrower, Exc., $4,250

MISCELLANEOUS EQUIPMENT

JD 350 Crawler Loader
JD 400 14' Rotary Hoe
JD 4 & 6 Row Danish Tine & Spring Tooth Cultivators
18x38-18x34-13x28-16x28 Duals
IH 2250 Quick Tach Loader to Fit 656, 666, 686
IH 4 Row Front Mounted Cultivator
JD 145-146-148-158-37 Loaders
Quick-Tach Loader to Fit IH 706 Thru 1486

NEW ARRIVALS

1982 JD 4420 Dsl., Cab, Air, 23" Rubber, Fully Equipped, Very Good
MF 18' Flex Head w/U2 Reel
JD 2840 Dsl., Wide Front, Dual Hydraulic
1976 IH 1066 Dsl., Black Stripe, Cab & Air, Exc. Cond.
JD 4 Row Narrow Row Crop Head
1977 JD 4630 Dsl., Cab, Air, Quad, Triple Hydraulic, Very Good SOLD

TILLAGE

JD 1710 9 or 11 Tooth Mulch Tiller
JD 950 15' Roller Harrow
JD 12' AW Disc
JD 220 18' Hyd. Fold Disc
JD 310 12' Double Offset Disc
Hutchmaster 12' Offset Disc, Big Blade
IH 610 12' Offset Disc
IH 490 20' Hyd. Fold Disc
Brillion 14' Cultimulcher Dual Transport, Excel. Cond.
Brillion 12' Roller Harrow, In-Board Wheels
Rhino 18' Hyd. Fold Rock Flex Disc
Dunham 23' Hyd. Folding Cultipacker
Miller 12' Heavy Weight Offset Disc

CORN HEADS

JD 244 2RW	AC 238 Corn Head
JD 443, 4RN	AC 430, Black, 4RN
JD 444, 4RW	AC 438 Black 4 RW
JD 444 Oil Bath	MF 1163 6RN
JD 643 Oil Bath	MF 1143 4RN
JD 643 6RN	MF 43 4RN
AC F430 4RN	MF 33 3RN

PLANTING EQUIPMENT

JD 8300 21x7 Grain Drill w/Grass Seed & Press Wheels
JD 7000 12 Row Front Fold Liquid Fert., No-Till, Insect., Monitor, Folding Markers
JD 7000, 6RN, Conservation, Liq. Fert. Insect. Monitor
JD 7000 4RN Dry or Liquid Fert., Insect. & Monitor
JD 7000 4RW, Liq. Fert., No-Till Coulter, Insect., Monitor
JD 7000 6R Conservation, Dry Fert., Insect., Monitor, Frame Mounted Coulters SOLD

PLOWS

IH 710 6x18 Spring Reset, Onland Hitch
IH 735 5 Base Variable Width Spring Reset
IH 200 5x18 Spring Reset Onland Hitch
IH 720 5x20 Spring Reset, Onland Hitch
IH 720 6x18 Spring Reset, Onland Hitch
IH 720 6x18 Spring Reset
IH 720 5x18 Spring Reset
IH 720 4x18 Spring Reset
IH 710 4x18 Spring Reset
IH 710 5x18 Spring Reset
IH 710 6x18 Spring Reset
IH 700 4x16 Spring Reset

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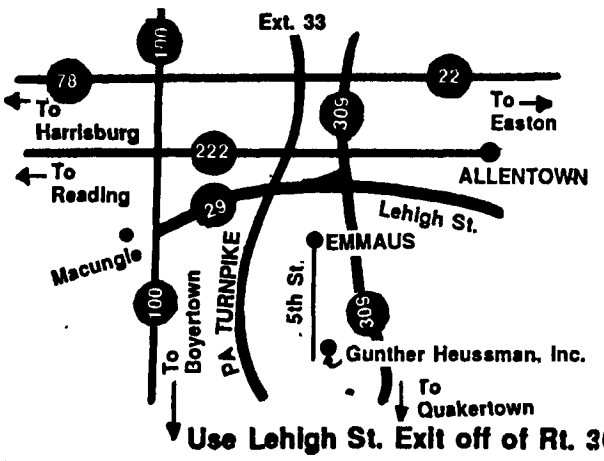

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ORCHARD DISC, 8' adjustable angle, 36" blades, 90%, $1,000. 301-833-9091

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CURRENTLY DISMANTLING
AC, Cat, IHC, JD, Case, Michigan, Hough, Galion and others Loaders, dozers, graders, excavators, backhoes Many parts removed & checked, ship anywhere.
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Papec Grinder Mixer, 1 ton, works OK, $1,500. 301-898-7426

Parting Out: IHC T-9, TD9, TD6, loaders, dozers, lots of rear end U/C, parts Eng, Parts Galion 118, grader parts, running eng. 282, diesel 263, gas TD340, loader parts Somerset County. NJ 908-658-3414

Pittsburgh 12' transport disc, very good condition, $950. JD grain drill w/ excellent hay seeder, $475 Ferguson 3pt cultivator, great for gardens, $275. (717)386-3727.

PLOW JD 1350-1450 6 btm. spring trip, $600. 301-833-9091

Plastic boxes, 16x24x8", stackable, used for fruit, vegetables, etc., $150/hundred. (215)459-4795 days, (215)459-4987 evenings.

Pto Generators & Alternators by Generac & Dead Animal Incinerators. Best Prices Anywhere. Dunham Equipment Co., (800)231-8277.

Rotary mower 6' 3ph solid deck w/stump jumper, $350 YorkCo (717)428-3007

Sauder snow blade, 8', spring trip, Ford brackets, $450 Call early mornings or evenings till 7 p.m 717-949-3074 or 703-879-9926

Shaver post driver #8, brand new, $950 Taneytown Farm & Hardware 410-751-1500.

SKID STEER NH 325 w/ Kubota diesel, 2 buckets, runs well, $3,500 301-833-9091

Skid loader, Hydra-Mac 20C, runs good, new 1983, 58 hp diesel, operating capacity 2300 lbs., $8000 717-627-2499.

SNOW BLOWER JD 3pt, 6', used once, as new, $700 301-833-9091

Steel wheels, 66H, 18W, 30C, $900; Oliver 4x16 auto reset plow $875. Cumberland Co. 717-530-8243.

THD Wisconsin Engine, clutch, electric start, almost new condition. 717-235-7338.

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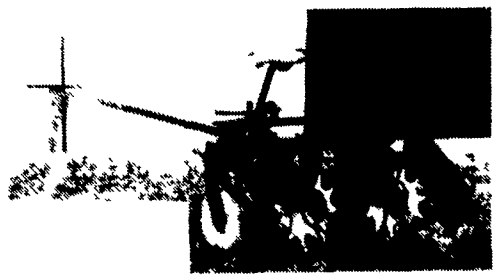
2-row rear mounted cultivator, twelve foot concrete cattle guard. Best offer. 609-935-5657.

USED TRACTOR PARTS, also rebuilt clutches and torques We ship UPS. Hill-T Farm Sales = Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346. 513-548-0718.

Vermeer round balers, new and used demo 504IS, 504F, 504C, 403F. Demo 23 twin rake, tedders, demo round bale wrappers trailer and self-loading C W Neiderhiser (412)423-4076

The I&J Cultivator



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Rolling Shields
—protects small crops and will not plug

Disc Hillers
—great for ridging crops

Work-Saving Features of the I & J Cultivator:

- Durable "S" tine shanks
- All units have gauge wheels for independent floating over ridges and furrows.
- Available in 1-2-3-4 row units
- Also great for vegetable crops

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Ford F600 Truck w/Grain Dump	$ 2,500
Bobcat 610 Skid Steer Loader	$ 2,500
AC 200 Tractor w/Cab, Recent Eng. Overhaul	$ 7,500
JD 2550 MFWD Tractor	$16,900
Frye QT Loader, Fork, Bucket (Finance Waiver Til 4/1/92)	$ 2,500
JD 2750, MFWD, SG Tractor w/245 Loader (Finance Waiver Til 4/1/92)	$28,900
Ford 2000 Low Profile Gas Tractor	$ 2,500
IH Cub	$ 1,750
IH Super A Tractor w/Cultivator	$ 2,500
IH 574 Gas Tractor (Finance Waiver Til 4/1/92)	$ 4,250
IH 584 Dsl. Tractor, IH 2250, QT Ldr. (Finance Waiver Til 4/1/92)	$ 9,990
JD 3300 Gas Combine	***$ 3,990***
NH 68 Baler	$ 875
JD 214W Wire Baler	$ 500
JD 336 Twine Baler w/30 Ejector	$ 4,500
JD 346 Wire Baler	$ 3,750
JD 346 Wire Baler w/30 Ejector	$ 4,500
JD 347 Wire Baler	$ 6,500
NH 450 7' Sickle Bar	$ 975
IH 1000 7' Sickle Bar	$ 775
Zetor 5'4" Disc Mower	$ 750
JD 1209 Mo/Co	$ 2,250
NH 411 Discbine	$ 5,990
NH 489 Haybine	$ 3,250
NH 55 Hay Rake	$ 1,000
JD 210 14' Disc	$ 2,000
JD 710 8'9" Mulch Tiller (New)	$ 5,350
IH 800 4RW Cyclo Planter	$ 2,250
JD 1240 4R Plateless Planter, Dry Fert.	$ 1,250
JD 1240 4R Plate Planter, Dry Fert.	$ 750
JD 7000 4R Plate Planter, Liquid	$ 3,500
JD FB-A 13x7 Grain Drill 13x7	$ 500
JD 8200 18x7 Drill, GS, SD	$ 1,750

Many Other John Deere, DeLaval, Jamesway and Landpride Items

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USED EQUIPMENT

SPECIAL
JD 2955
Cab Tractor
Demo

TRACTORS

Ford 3000	$ 5,500
JD 4450 SG, Cab	$39,900
JD 2510 Dsl., PS	$ 6,500
IH Super M	$ 1,800
JD 2840 w/Ldr.	$12,900
JD 2630 Reconditioned	$11,900

DIESEL COMPACTS

JD 670 w/Mower & Loader	Coming In
JD 1050 w/Ldr. 500 Hrs.	$12,900
JD 855 w/Loader	$ 9,500
Ford 1720 MFWD, 56 Hrs., w/Ldr. And Backhoe	$17,700
Ford 1510	$ 6,600
Ford 1500 w/Mower	$ 5,000

COMBINES

JD 6620 Side Hill	$33,000
JD 215 Flex Head	$ 4,900
JD 653A Row Crop Head	$ 7,900
JD 444 Corn Head	$ 4,400
JD 443 Corn Head	$ 4,500
JD 244 Head	$ 2,800
IH 715 w/Grain Head	$ 9,000

PLANTERS - DRILLS

JD 8250 18x7	Coming In
JD 7200 12 Row Flex-Fold	$25,000
JD 7000 6R Liquid	$ 6,900
Krause 5200 No-Til Drill	$ 8,900
Hay Buster G-D, 107	$ 6,300
510 Drill 13DD Opener	$ 2,900
JD FBB	$ 1,300

TILLAGE

JD 610 25' Chisel Plow	$11,500
JD 2500 6/18 Spring Reset Plow	$ 3,500
JD 1600 14' 3 Pt. Chisel Plow	$ 2,800
JD 260 Loader	$ 3,900

HAY & HARVESTING

JD 435 Round Baler	$10,900
JD 530 Round Baler	$12,500
JD 1209 Mo/Co	$ 2,900
Grimm Super 8' Tedder	$ 1,295
JD 450 Hydro Push	Coming In
NH 718 w/Heads	$ 1,800

NEW EQUIPMENT

New Combines In Stock:
4435, 9400, 9500, 9600
New Heads:

913 Flex Head	920 Flex Head
915 Flex Head	443 Corn Head
918 Flex Head	643 Corn Head

TOBIAS EQUIPMENT CO., INC.
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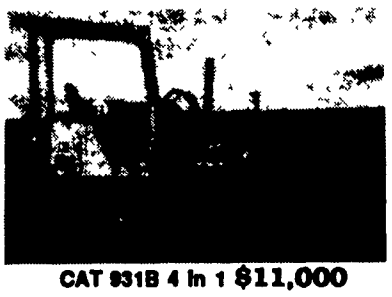
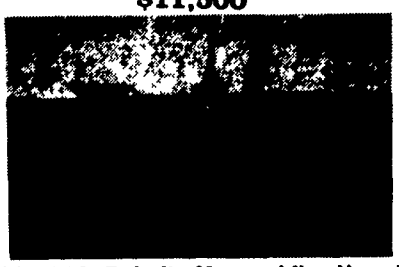
Phone: 717-362-3132

MF 404 Wheel Loader $2,200



CAT 931B 4 In 1 $11,000

IH 175C Rebuilt Motor, 4 In 1, Pedal Steer $11,500



83 JD 555A Rebuilt Motor, Like New U.C. $15,000

Cat 951 B new pins & bushings, new roller shells $11,500
Cat 931B 4-in-1, $11,000
IH 175C rebuilt motor, 4 In 1 pedal steer $11,500
1983 JD 555A, rebuilt motor like new u/c, $15,000
1983 JD 555A Crawler loader, rebuilt motor, like new u/c $15,000
JD 350 Crawler Loader 4 In 1 Bucket, $7,800
Case 1845 Skid Loader, Good Condition, $7,000

Case 580B extend-a-hoe, nice original machine $8,700
MF 404 wheel loader, $2,200
Ripper For JD 450 Or 555 Crawler Loader, $1,000

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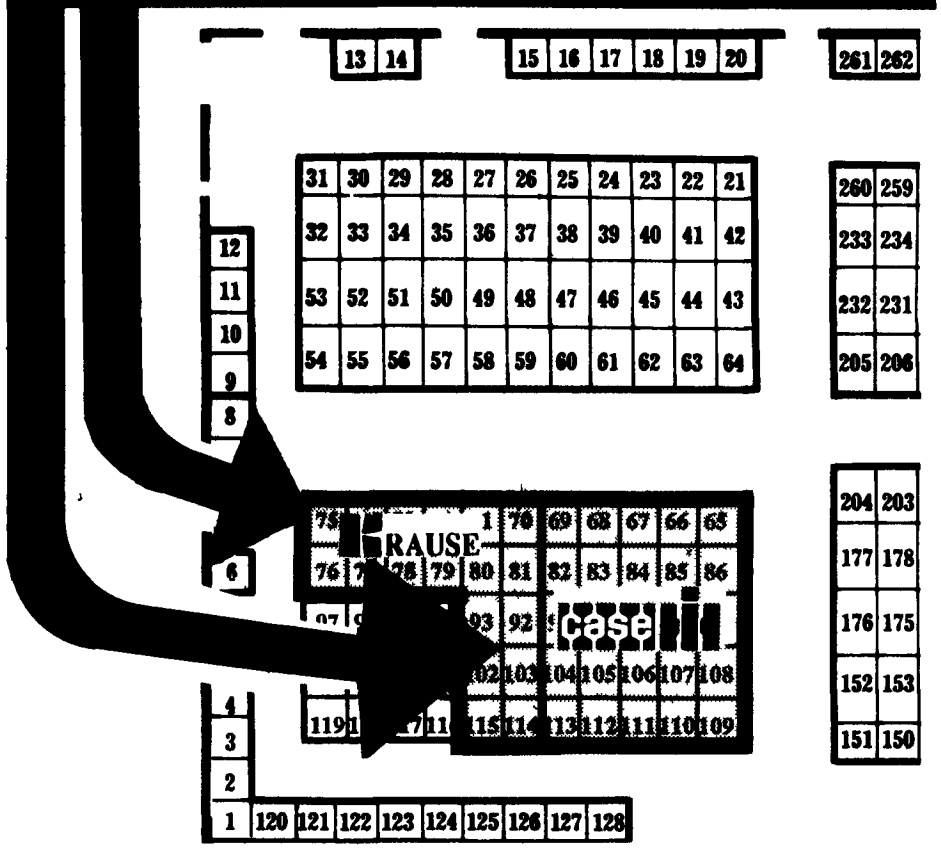
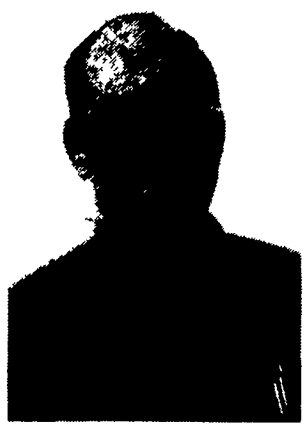


DAVE KING



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FARGO-BUILT CASE IH 4-WHEEL DRIVE TRACTORS

If you need advise about what tractor or piece of equipment will do the best job in your operation, ask one of Hoober's professional salesmen for help. With over 86 years of sales experience between them, Hoober's salesmen know how to solve your power and equipment problems.

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All New & Used Products
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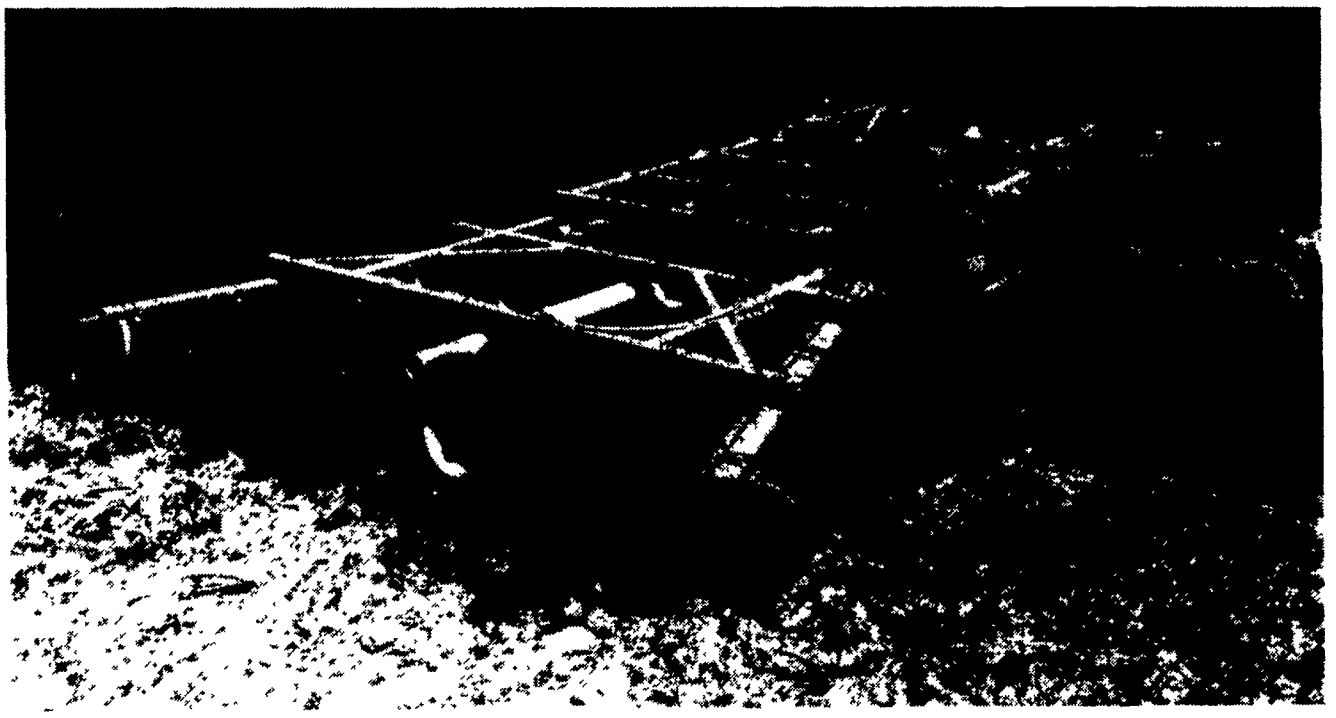
PROVEN PERFORMANCE OVER TIME!!

KRAUSE DISC HARROWS



WHAT SETS KRAUSE APART?

NOT THIS ..... **KRAUSE engineers pioneered these features:**

1. ROCKFLEX Bearing Arms — Rock Protection
2. FLEX-WING Fold — Uniform Cut & Finish
3. STAGGERED Gangs — Cuts Out The Center

IT'S NICE TO BE FIRST!

NOT THIS..... **KRAUSE people are dedicated to service and to producing a quality product**
THIS WINS AWARDS!
"Building AMERICA'S BEST" Tillage Tools In 1988

THIS SETS KRAUSE DISCS APART!

Since 1975 KRAUSE discs have been preparing hundreds of farmers' fields for planting: without falling apart.

KRAUSE DISCS WORK! and WORK!

and WORK! and WORK! and WORK! and WORK!

IF YOU DON'T OWN A KRAUSE DISC, ISN'T IT TIME?

Model 4924 Rockflex Disc On Display At The PA FARM SHOW!

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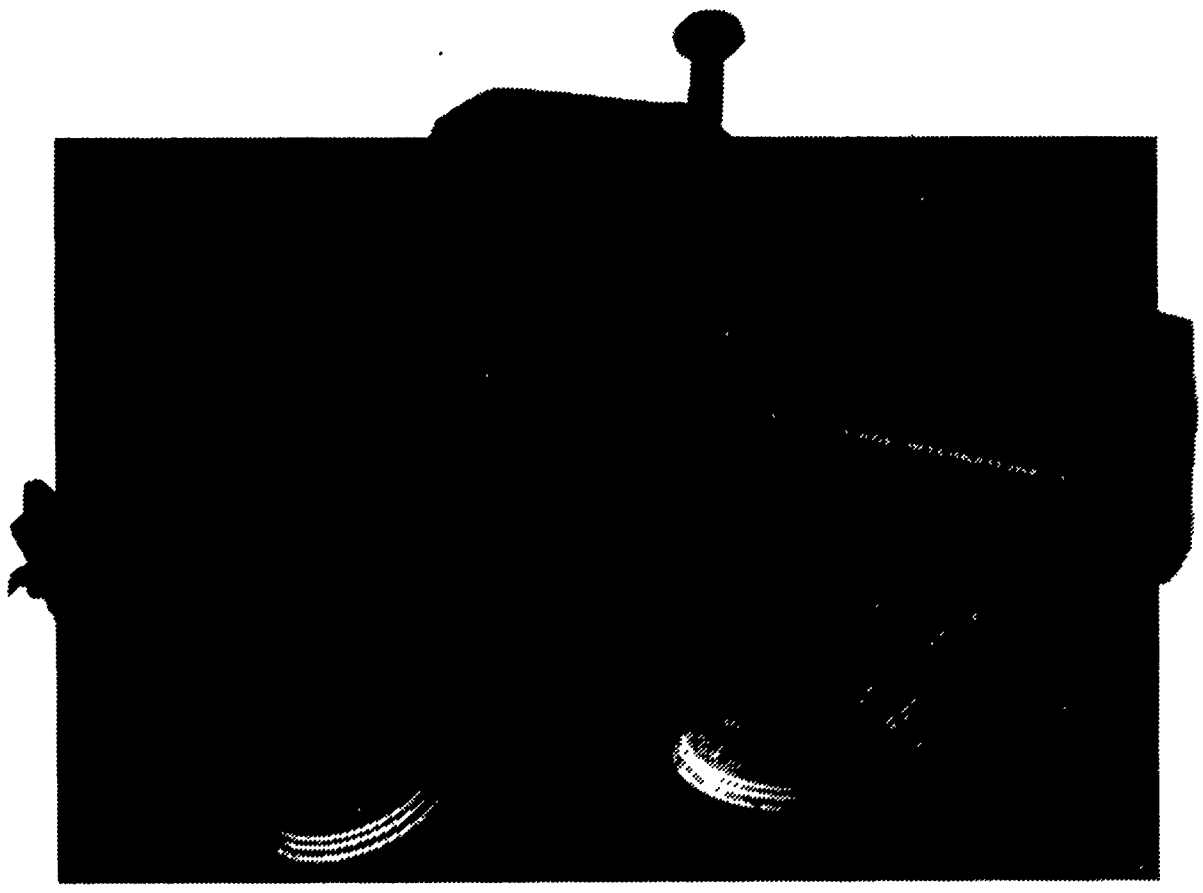
A COMPLETE LINE-UP OF TRACTORS...

"HOOBER HAS 'EM"

THERE IS NO MORE COMPLETE LINEUP OF 4-WHEEL DRIVES THAN case IH 9200 SERIES...



Model	Engine HP	Cu. Inch Displacement
9230	235	505 (8.3 L)
9250	300	611 (10 L)
9270	335	855 (14 L)
9280	375	855 (14 L)

* All Engines Are Turbocharged & Aftercooled

* 9270 & 9280 also available with 12 speed manual transmissions

A case IH 4-WHEEL DRIVE FOR EVERY FARM OPERATION...

- Choose from (4) Models all with *12 Speed Powershift Transmission
- Choose any combination of 3 Point Hitch and 1000 RPM PTO:

1. No PTO/No Hitch - Tillage Tractor - Trailing Implements Only
2. No PTO/3 Pt. Hitch - Tillage Tractor - Trailing & Mounted Implements
3. 1000 PTO/No Hitch - Tillage Tractor & Stationary Power Unit
4. 1000 PTO/3 Pt. Hitch - All Purpose Tractor

- Choose Steerable Front Axle on 9230 for ROW CROP Versatility...

BUY YOUR BIG TRACTOR FROM A BIG TRACTOR SPECIALIST

MATCHING FARMERS' NEEDS AND BIG TRACTORS FOR 17 YEARS

Model 9230, 4 Wheel Drive, 235 HP On Display

At The PA FARM SHOW!

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CONSERVATION TILLAGE IS???

D.M.I. TILLAGE SYSTEMS

A DMI Tiger-Two conditions your soil for plant needs today and in the future thru:

- **Residue Management tailored to your needs with a 24" independent hydraulic colter section**
- **Air and Water Management with hp efficient patented winged Tiger-Points**

DMI's Conservation Yield-Till Practice, using a Tiger-Two, works in all soil types and climates with the fewest problems and fastest payback

DMI YIELD-TILL . THE PROFIT SYSTEM FOR YOUR FARM!

SAFETY live with it

tiger-two CONSERVATION YIELD-TILL TOOL

QUESTON:
Is soil compaction limiting your crop production?

ANSWER: D.M.I. YIELD-TIL™ systems shatter compacted soils. This prevents rain water run-off as well as making room for plant root systems to seek moisture in dry years.

QUESTION:
Do you need to comply with Federal Regulations requiring minimum residue on top of the ground?

ANSWER: D.M.I. YIELD-TIL™ Systems provide the solution to your compliance problems.

DMI
YIELD-TILL™
IMPROVES NO TILL, RIDGE-TILL & MULCH TILL!
IDEAL FOR 2-WHEEL-DRIVE 80 HP PLUS TRACTORS!
TILLUS WORM SEZ
NEW! 3-SHANK UNIT WITH V-FORMATION EXPANDS TO 5-SHANK
5-SHANK UNIT EXPANDS TO 7-SHANK
Q/P TIGER-POINT THE HEART OF YIELD-TILL

DMI Ecolo-Tils solve these problems with:

- **Parabolic Shanks that lift soil instead of dragging through**
- **Q/P Tiger-Points with patented wings fracture, relocate, and open tight soils**

DMI Ecolo-Til Conservation Yield-Till Tools will eliminate your Number-One Yield Robber... SOIL COMPACTION...resulting from:

- **Equipment Traffic - surface compaction**
- **Heavy Rains - hydraulic compaction**
- **Moldboard Plows, etc. - plowsole compaction**

With a DMI Ecolo-Til, you get the DMI Yield-Till advantage whether you practice No-Till, Ridge-Till or Mulch-Till.

DMI YIELD-TILL...THE PROFIT SYSTEM FOR YOUR FARM!

SAFETY live with it

ecolo-til™ PARABOLIC CONSERVATION YIELD-TILL TOOL

Call us to learn all about D.M.I. YIELD-TIL...

ecolo-til™ - 3 Shank With Coulters On Display At The PA FARM SHOW!

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Harley
LANDSCAPE POWER RAKES

USED TRACTOR SALE
15% OFF

0% Interest Til April 1, 1992 (No Cust. Participation Required) **Or** **0% Interest Til Oct. 1, 1992** (2% Cust. Participation Required) **Or** **5.9% For 48 Months** (2% Cust. Participation Required)

BARGAIN LIST

	LIST PRICE	SALES PRICE
Brillion 10-Ft. Pulverizer	$ 350	$ 275
Brillion 11-Ft. Pulverizer	$ 450	$ 275
IHC 12-Ft. Disk Harrow	$ 750	$ 550
JD 1450 5B16 Semi-Mtd. Plow	$ 950	$ 600
Hesston 1091 9 Ft. Mower Cond.	$1,350	$1,050
JD 1380 12-Ft. Mower-Conditioner	$3,500	$2,450
JD 5½ -Ft. Hay Pickup	$ 350	$ 250
IHC 800 6R30 Corn Planter	$4,250	$3,250
White 5400 6R30 Corn Planter	$3,500	$2,250
JD 215 15 Ft. Rigid Platform	$2,800	$1,500
JD 215 15 Ft. Rigid Platform	$3,500	$2,000
JD 215 15 Ft. Flex Platform	$5,500	$3,000

COMBINES

0% Interest Til Sept. 1, 1992 Or 5.9% For 48 Months

- JD 55 Gas w/12 Ft., 3R Cornhead ..... $ 3,800
- MF 750 Diesel w/4R Cornhead ..... $ 9,500
- JD 4425, Variable Speed, Cab, Spreader, 950 Hours $33,500
- JD 4435, Variable Speed, Cab, Chopper, 880 Hours $47,500
- IHC 1460 Hydro, Cab, 6R30 ..... $46,500
- Gleaner L2 w/Cab, Straw Chopper, 15-Ft. Flex, 6R30 ..... $36,500
- JD 443 4R30 Cornhead ..... $ 3,850
- JD 643 6R30 Cornhead $11,500
- JD 213 13-Ft. Flex Platform ..... $ 4,500
- JD 215 15-Ft. Flex Platform ..... $ 7,250
- JD 220 20-Ft. Flex Platform ..... $ 6,500

TRACTORS

- JD 2150 45-H.P. Dsl. w/Rev. Trans., JD 175 Loader $14,900
- JD 3010 55-H.P. Dsl. ..... $ 5,950
- JD 2240 55-H.P. Dsl. w/New Engine $11,500
- JD 2755 75-H.P. Dsl. MFWD, Cab $30,500
- JD 4010 80-H.P. Dsl. ..... $ 9,250
- JD 4250 120-H.P. Dsl., Cab, P.S., Duals $45,000
- JD 4440, 130-H.P. Dsl P/S, Cab $28,500

0% Interest Til April 1, 1992

- AC "C" w/Cult ..... $ 1,850
- AC 200 100-H.P. Dsl., Cab ..... $ 8,500
- Hesston 1380 120-H.P. w/Cab, 12 Spd. $14,500
- AC 7060 160-H.P. Dsl., Cab, Power Shift $15,500
- Case IH 3394 165-H.P. Dsl. MFWD, Cab $32,500
- Case 4690 220-H.P. Dsl. 4-Whl. Drive Cab $35,500

MISC. EQUIPMENT

- New Idea 245 10-Ft. Spreaders w/Endgat SOLD ..... $ 2,850
- JD FBB 15x7 Fert./Grain Drill $1,650
- Krause 5200 No-Til 13-Ft. Grain Drill $9,000
- JD 750 15 Ft. No-Til w/GSA, Like New $21,000
- New Idea 323 1-Row Corn Picker $2,650
- New Idea 176 41-Ft. Corn Elevator $1,650
- Tebbin 5-Tooth Deep-Til w/Gauge Wheels $2,750
- MF 233 Disk Harrow, 12-Ft. $2,800
- JD 950 Roller Harrow, 12-Ft. $3,300

CORN PLANTERS

0% Interest Til April 1, 1992

- JD 7000 4R30, Cons., Coulters, Dry Fert., Insect. ..... $ 7,150
- JD 7000 4R30 Unit Coulters, Dry Fert., Insect. ..... $ 7,750
- JD 7000 4R30 Unit Coulters, Dry Fert., Insect. ..... $ 7,500
- JD 7000 6R30 Unit Coulters, Dry Fert., Insect. ..... $ 9,250
- JD 7000 6R30 Cons., Frame Coulters, Dry Fert., Insect. $10,500

FORAGE EQUIPMENT

0% Interest Til May 1, 1992

- JD 3960 Harvester ..... $ 5,350
- JD 3960 Harvester ..... ~~$ 9,000~~ $ 7,500
- JD 35 Harvester ..... $ 2,750
- NH 900 Harvester w/Metal Alert, Hay PU, Like New $18,500
- NH 1895 SP w/3R30, Hay PU $17,500

HAY EQUIPMENT

0% Interest Til May 1, 1992

- NH 479 9-Ft. Haybine ..... $ 1,995
- JD 1380 12-Ft. Mower-Conditioner ..... $ 3,750
- NH 489 9-Ft. Haybine ..... $ 3,850
- JD 1219 9-Ft. Mower-Conditioner ..... $ 6,350
- NH 411 9-Ft. Rotary Disk Haybine ..... $ 6,950
- Hesston 1160 12-Ft. Hydra-Swing $11,500
- JD 500 Round Baler ..... $ 2,450
- NH 320 Baler w/Drop Chute ..... $ 5,500
- JD 346 Baler w/JD Ejector ..... $ 6,950

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New Ford Mdl 8830, 4WD, C&A, 18x9 pwr sh trans
New Ford Model 4610, 8x2 trans, 14.9x24 tires
New Ford Model 5610, 16x8 dual power, 2 valves
New Ford 5610 Special, 8x2 trans., 7.50x16
New Ford 345C SOLD ldr. w/3 pt., 6x4 trans.
New Ford 655C TLB, 4WD, cab
Ford 8000 fresh motor, dual power
Ford 7700, 2WD, cab, air, real sharp, 18.4x38 rdl
Ford 7700 good, dual power, turbo
Ford 6600 good condition
Ford 4000 SU w/front hyd. broom
Ford 8N & 9N, 3 pt. hitch, appearance good
Ford 1900 w/loader
Ford 1210 w/916A mower, hydro trans.
Kubota B1550, hydrostatic, 4WD, bi-turn & ldr.
John Deere 1050, 4WD, 3 Pt, w/75 loader
Case 411B, runs
Cub Lo-boy new w/Woods L59 mower, hyd. lift
Farmall Cub w/L59 Woods mower
Farmall B w/L306 Woods mower
IHC Model 2444 w/6' Woods mid mt. mower
Ford 600 w/mounted 12' gang mower
Ford 655 TLB, 4WD, air, cab, ext hoe, 4-1 bkt
Ford 555 TLB, 4-1 bucket, cab
Ford 4500 tractor loader backhoe
MF tractor loader backhoe Model 200
Huber maintainer w/hydraulic blade
Mustang Model 1700 skid loader
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Selection of New and Used Trailers
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Free Financing On Selected Hay & Forage Tools Until May, 1992... Plus Up To 48 Month Additional 5.9% APR Financing Available!

Replace Your Worn-Out Baler Now...

Call For Specs. & Prices On New Model 848 & 853 Round Balers!

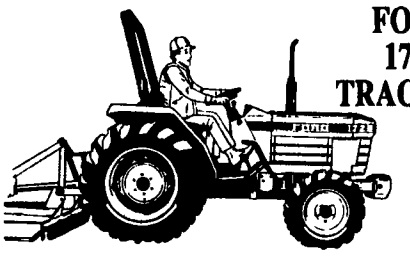
IS YOUR TRACTOR BUILT AS WELL AS A FORD?

Stop In And Compare!!!

- Model 4610 • Model 4630
- Model 7710, 4WD
- Model 8210, 4WD
- Model 8630, Power Shift, 4WD

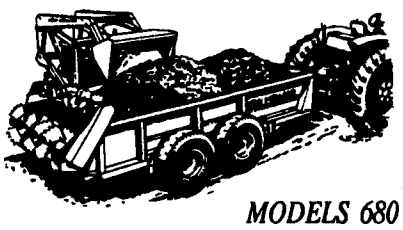
CALL FOR SPECIAL PRICING!

FORD 1720 TRACTOR!



More Power Than You Expect From A Compact!

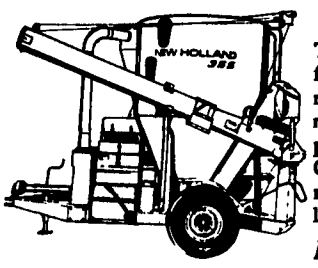
- 23.5 PTO HP Diesel
- 4WD
- Shuttle Transmission



SPREADERS! In Stock...

- 155 • 195
- 680 • 791

SPECIAL PRICES ON MODELS 680 & 791 - CALL NOW!



UNLOADS FAST!

The Model 355 grinder-mixer unloads a full, 100-bushel tank in less than five minutes! The mixing auger thoroughly mixes your ration from the bottom up to produce consistent, uniform feed. Optional electronic scales give you accurate control of rations. There's a lot to like about the "355"!

PRICED TO SELL FAST, Too!

Free Finance Til 6/1/92 On Skid Steer Loaders, Manure Spreaders & Grinder Mixers

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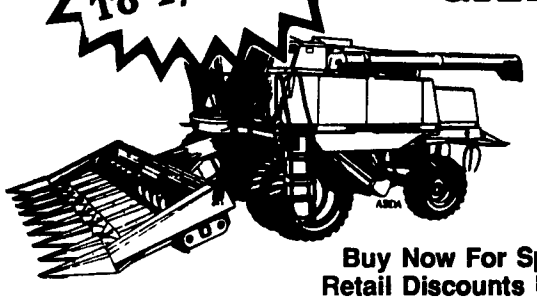
Offer Extended To 1/31/92

LAST CHANCE TO ORDER JD 9500 SIDEHILL COMBINES FOR SMALL GRAIN SEASON IS JAN. 31, 1992...

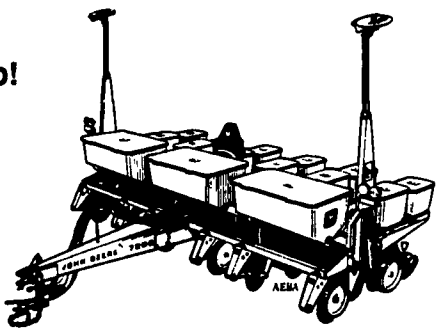
Sidehill Orders After Jan. 31st Will Be For Fall Delivery!



NEW COMBINES

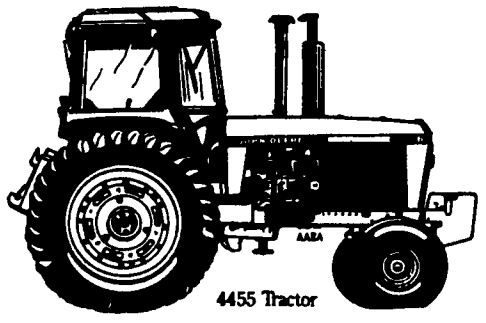
- (1) 9 SOLD In Stock!
- (2) 9500 - Ready To Go!
- (4) JD 643 - 6 Row Narrow
- (2) JD 915 - Flex Head

Buy Now For Special JD Programs - Early Retail Discounts Until Dec. 31 And Waiver To Sept. 1992 or Cash Discounts In Lieu of Waiver



NEW CORNPLANTERS!

- (2) JD 7200, No-Til Liquid, 6-Row
- (1) JD 7200, No-Til Dry, 4-Row
- (1) JD 7200, No-Til Liquid, 4-Row

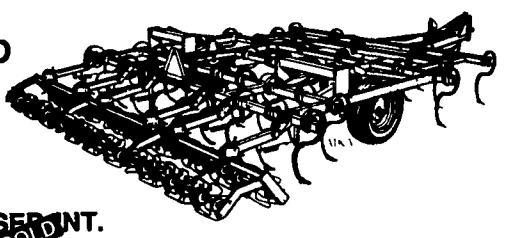


4455 Tractor

NEW TRACTORS

- (1) New JD 4960 MFWD In Stock - Come See!
- (1) Demo JD 4555 MFWD SOLD — GREAT PRICE!
- (1) New JD 4455 MFWD
- (1) New 4055
- (1) New 2355
- (3) New 1070

★ USED INT. 4[illegible] DISK ★ SOLD



NEW TILLAGE TOOLS

- (2) JD 714 13'9" Mulch Tillers Priced From $11,525
- (1) JD 714 11'3" Mulch Tillers Priced From $9,239
- (1) JD 724 Mulch Finisher
- (1) JD 960 18'6" Field Cultivator
- (1) JD 970 Roller Harrow
- (1) 635 12'2" Rock Cushion Disk List ~~$9748.30~~ Now $7,900

USED TRACTORS

JD 4650 MFWD, 15 Speed, Power Shift, Triple Remotes, Cab & Air, 20.8x38 Radials, 1559 Hours - SHARP!

JD 4450 MFWD, 15 Speed, Power Shift, Cab, Air, Like New Tires, 2900 Hrs.

JD 4250, 15 Speed, Power Shift, Dual Remotes, 540/1000 PTO, Cab & Air, 18.4x38 Radials, 1542 Hours!

JD 4640 8 Speed, Power Shift, Cab, Air, Ex. Cond.

USED COMBINES PRICED TO SELL!

- JD 6620 Level Land
- JD 6600 Side Hill
- JD 7700

JUST TRADED!

1989 JD 9400 COMBINE, 300 Hrs., Extra Clean
1986 JD 6620 Titan II Sidehil, 1,100 Hrs., Real Clean
1987 JD 6620 Titan II Sidehill, 1,000 Hrs., Real Clean

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JD 8650 4WD tractor, excellent condition
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IH 800 10 bottom plow, excellent condition, only used 800 acres
30' Amco disc, good condition
IH 915 combine, good shape, corn and grain head
JD 220 20' flex grain head for 8820
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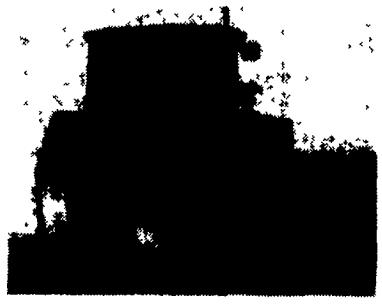

MODELS AVAILABLE

6240	5050	7110
6250	6265	9150
6140	6275	

40 H.P. STARTING AT **$12,995.00**, 50 H.P. STARTING AT **$14,950.00.**

ALSO AVAILABLE ARE THE NEW LINE OF AGCO-ALLIS TRACTORS.

AGCO DEUTZ ALLIS

USED TRACTORS
IH 806, IH 340, AC 160
AC C w/Undermount Mower
AC XT190 Series III
AC 7040 Power Shift
AC 7050 Tractor
AC 180 (Good Cond.)
AC 190XT (Good Cond.)
555 Oliver w/Loader

USED EQUIPMENT
Badger Forage Wagon w/Tandem Axle
Used 443 AC Baler Very Good Condition!
Used NH, Gehl, Bobcat Skid Load
COMBINES AC M

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Kubota®

CLEARANCE

1 — M5030SU 2WD 60HP 16 Speeds, Smooth 6 Cyl. 1 Remote
List Price $19,460..... **Sell $15,900**

1 — L5450HDT-W 4WD 60HP 8x8 Hydra Shuttle
List Price $26,460..... **Sell $21,200**

1 — L2850DT-7 4WD 34HP 8x7 Mech. Shuttle w/BF500 Front Quick-Tach Loader 60" Bucket
List Price $19,985..... **Sell $15,800**

1 — L2250DT-7 4WD 26½ HP 8x7 Mech. Shuttle
List Price $12,661..... **Sell $10,700**

Low Financing Available — Call For Cash Price
All Units Are One Only And Considered Slightly Weathered.

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TRACTORS
NEW
2355 MFWD w/245 Loader
2355
2755
4255

USED
JD 430 2 Cyl. W.F.
JD LA

HARVESTING
NEW
JD 9400 Comb.
JD 4435 Comb.
USED
JD 6620 Side Hill Combine
JD 215 Flex Head
JD 643 C.H.
JD 237 Mtd. Pick w/Shelling Att.
IH 303 Combine
10' G.H. 2 RW C.H.

PLANTING
IH 56 4 RW Planter, Dry Fert.
Holland 2R Transplanter
AC 5 Row No-Till Corn Planter (Liquid)
IH 21x7 5100 Single Disc Drill
McCormick Grain Drill 13x7, grass seed box

TILLAGE
Bush Hog 12' Disc Wheel Lift
Ford 6X Var. Width Plow
Brady 20' Folding Field Cult.
JD 5X Semi-Mtd. Plow
JD 210 Disc 12' New Blades

HAY EQUIP.
JD 1209 Mo-Co
JD 1207 Mo-Co
Hesston PT-10 Mo-Co
NH 451 Sickle Mower 3 Pt.

MISC.
IH PTO Manure Spreader
Century 500 Gal. Sprayer, Hydr. Booms, Mech. Agitator
2 R Braco Potato Harvester w/PTO Drive
Dearborn 3 Pt. Circle Saw

SPECIAL
New 1 Only JD 1600 4x Spring Reset Plow, Fully Mounted $4,500

KVERNELAND

Cross Country Trailers

No-Till 750 Grain Drill For Rent
Call For Details

Route 24, 2 Mile South Of Red Lion
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Thank you for letting us serve you for the past 60 years. Going into our seventh decade, Umberger's of Fontana is here to serve you better than ever in '92!

Come See Our New Expanded Retail Store!
Watch for details on our upcoming Grand Opening

DID YOU KNOW THAT WE SELL:

- Purina Feeds • Wayne Feeds
(Complete inventory of dairy, hog, horse, and poultry feeds. As well as a complete line of pet food.)
- Trustworthy Hardware
- Royster Fertilizer
(Dry in bags or bulk, liquid also available.)

• FARM EQUIPMENT BY:
- New Idea - Gehl - Hesston
- Brillion - Bush Hog - Dion
- Kewanee - Pequea - Demco - Wic
- Tye - Kuhn - And Others...

• LAWN & GARDEN EQUIPMENT BY:
- Cub Cadet - X-Mark
- Grasshopper - Tanaka

For all your equipment needs - We're here to serve. Factory-trained mechanics on duty for complete service.

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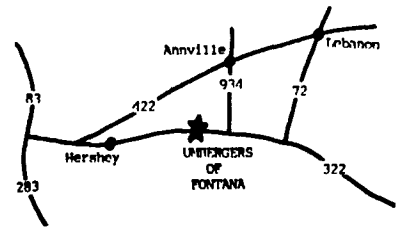

MISC. USED EQUIPMENT & TRACTORS
USED TRACTORS

IH 244, 2WD
IH 3688
Case IH 885 4WD w/loader
Farmall 504
Ford 8N
IH Cub w/42" mower
IH F340
IH 884, 72 HP
IH 235
Cub Cadet 1572 w/60" mower
Woods 1860 Mowing Machine
Grasshopper 1622 Mowing Machine
IH 674 2250 Loader

USED EQUIPMENT

NI 353 Spreader
Loader for Farmall Cub
Ford 5 bottom plow
NI #7 Corn Picker
6' Pull Type Bush Hog Mower
IH 311 6' Mower
IH 540 Spreader
Little Giant 26' Elevator
NH 36' Elevator
Case 1737 Skid Steer
Hydra-Mac 8C skid steer
IH 800 Planter
Case IH 8520 Round Baler
Kuhn FC 200 6'7" Mower Conditioner
Kuhn GRS 24 Rake
IH 56 Planter 6R
NI 290 Mower Conditioner
Ford Baler w/kicker

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New & Used Farm & Construction Equipment

CRAWLERS

JD 450B Crawler Loder, ROPS, GP bucket $8,750
JD 450C Crawler Loader, GP Bucket, ROPS, very nice $13,500
JD 450B Crawler Loader, ROPS 4N1 bucket, very nice $9,000
'78 JD 450C Loader w/Backhoe, Excel. Cond. $15,900
'78 JD 450C Crawler Loader, ROPS, Very Nice..... $13,500
MF 200 Crawler Dozer, 6 way angle, ROPS, w/ripper runs & operates excel. $8,500
Int. TD7C 6 way crawler dozer, nice..... $7,500
'79 Case, 850B Loader, GP, Excel U/C..... $15,750
Cat 951C, Crawler Loader, cab, GP bucket, very nice $17,500
'78 Cat 941B Crawler Loader w/4N1 Bucket... $12,000
'85 Case 1155D, Crawler Loader, ROPS, excel. cond. $22,500
'89 Case 1550 Crawler, straight hyd. tilt blade, low hrs., like new..... $57,500
Case 455C Crawler Loader, 4N1 bucket, very nice $17,500
'87 Case 855D Loader, 1000 Hrs. $25,000
'85 Case 1455B Loader w/Ripper $25,000
'81 Case 1450B Dozer, O/S Power Angle Blade..... $19,500

LOADERS

MF 20C tractor Loader, 3 pt..... $6,500
Ford A-62 4x4 Articulated Wheel Loader, Full Cab, Excel. Cond. GP Bucket, new motot..... $15,000
Case W14, 4WD, Articulated loader w/cab..... $9,700
IH Huff 500 Wheel Loader, Needs Trans. Work $2,500

SKID LOADERS

Case 1845 diesel skid loader..... $6,500
Bobcat 722, 4 Cyl., Gas, very good $4,750

BACKHOES

'87 Case 580K, 4WD, Cab extend a hoe, excel. cond. $27,500
'87 Case 580K, 4WD, cab, extend a hoe, low hrs., excel. cond. $27,500
'86 Case 580E, 4WD, cab, extend a hoe, low hrs. $22,500
'82 Case 580D full cab, standard hoe, very nice $14,900
Case 580C, full cab, extend a hoe, excel. cond. $12,500
'79 Case 480C, TLB, Shuttle, diesel engine, standard hoe, ROPS, runs & operates very good..... $8,500
JD 300 TLB, Full cab, standard hoe, very nice $6,900
'79 JD 310A, TLB, ROPS, Nice $9,800
'77 Ford 420 TLB, open rops, very nice $7,500
'77 Ford 335 TLB, Cab, Diesel..... $7,800

TRUCK & TRAILERS

Int. Tandem Axle Dump Truck, Alum. Body, Runs & Operates Excellent $6,500
'89 10 Ton Shelby, Elec. Brakes, Nice $6,500
(2) Beck Skid Loader Trailers, 2 Axle..... $2,150/Ea.

MISC.

Wisconsin Power Unit..... $3,000
Case 70+4 Trencher w/Backhoe, Diesel, Nice.. $4,500
Gradeall G-600 w/Remote, D-D Diesel Up and Down..... $6,250

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LINCOLN ELECTRIC® Welders, 150-225 Amps

USED WELDERS

Miller 200 Amp $795
Hobart 200 Amp $895
Lincoln 225 Amp "Weldan Power".... $1,400

★ HONDA SPECIALS ★

G100, 2.2 HP..... $215
GX120, 4.4 HP $264
GX160, 5.5 HP $285
GX270, 9 HP $459
GX390 13 HP $532

Discontinued Models Limited Supply

GX240, 8 HP $430
GX240, 8 HP Elect. .. $510
GX340, 11 HP $505
GX340, 11 HP, Elect. $575

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Combines	Harvesters	Planters
Cultivators	Haybines	Plows
Discs	Mowers	Spreader
Drill	Pickers	Tractors

IH: 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 101, 82, 80, 76, 74. JD: 7720, 7700, 6620, 6600, 4420, 4400, 3300, 105, 95, 55, 45, 40. MF: 780, 750, 510, 410, 300, 205, 36, 92, 82, 72, 90, 80, 70, 60, 27, 26. AC: Gleaner, F, L, M, K, G, E, C, C2, A, 60, 66. Oliver: 7600, 545, 535, 525, 430, 40, 35, 33. NI: Uni, 710 Combine, Huskers, 705, 702, 701, Combine shellers & harvesters. Case: 1160, 960, 700, 660, 600. NH: 1400, 975, 985, TR70. MM: 5297, 3496, MM Uni, White 8600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers; JD 7720, Motors, transmissions, tires, corn & grain heads, grain savers, 1984 JD 6620 side hill w/heavy steering axle.

Parts For IH 1440, 1460 Rotarys | **NI 802 w/Harvester** | **JD 6600 & 6620 Side Hills**

Financing or Lease Available

COMBINES

New Arrivals:
JD 4400 dsl., rotary screen, real nice w/heads
8600 White dsl. hyd. w/15' flex & 6R 30" corn
JD 6620 hydro, diesel, level land
JD 4400 diesel w/heads
1979 JD 4400 diesel, choice of heads
JD 6600, diesel, hydro w/heads
JD 3300 diesel w/grain, choice of 3R 30" or 2R 38" corn
JD 55 sq back w/grain head & 30" 3R corn
(2) AC F-2 diesel w/heads
1976 AC F diesel w/4R corn & grain
1976 AC F D w/choice of heads, big rubber, nice
AC F diesel hydro, real nice
AC F diesel, new motor w/heads
AC F diesel, choice of heads
AC M gear diesel w/heads
MF 550 diesel hydro, gray cab w/ heads
MF 510 w/4R 30" & grain
(2) MF 510 diesel w/head
MF 510 diesel w/grain saver 4R 30" corn & grain, $3,875
MF 510 diesel, hydro w/heads
MF 510 diesel w/heads, real low hours, excellent
MF 410 dsl., hydro w/heads
MF 35 SP w/8' grain & 2R corn
MF 35 S/P w/8' grain head
(2) IH 80 pull type, PTO, bin
IH 93 w/10' head, nice
IH 203, 10' grain & 2R corn
IH 715, gas, w/heads
IH 715 hydro diesel w/heads
Late IH 715 w/German diesel & heads
IH 815 hydro diesel late low profile w/6 or 4 row & grain
IH 141 w/12' grain, 2 row corn, 1 owner, nice
IH 1460 axle-flow w/820 grain head & choice of 4 or 6R corn
IH 1460 axle flow w/6R 30" corn & 820 flex
IH 715 hydro diesel w/grain & corn
IH 715 hydro diesel w/late heads
NH TR70 Ford diesel, choice of heads
Late model NH TR85 hydro cat diesel under 1000 hrs., 28x26 rubber
1- w/16'flex grain head

6R 30" CH or 4R 38" CH NH TR70 cat diesel gear w/ heads

TRACTORS

Case 700 D 3 pt
Case SC w/loader, nice
Ford 4500 ind. diesel w/ldr & cab
Ford 4000 ind. gas w/loader
Ford 800 g SOLD & loader
(2) 1953 Ford NAA
IH 4366 new motor, 3PT, 4WD, duals front & back
Int. 3414 ind diesel w/loader PTO, 3PT
IH 450 G P/S, fast hitch, nice
JD 4020 SOLD power shift, $5850
(2) JD A late models
AC D19 d SOLD 3PT
AC WD, gas
AC C w/side mtd mower
AC HD5 diesel crawler loader
AC C w/cultivator
Farmall Super A w/side mt. sickle bar mower
Farmall Super MTA
1939 Farmall H, $1175
Farmall Super C
Farmall Super MTA
Oliver 770 gas, WF
Oliver Super 88 WF
Oliver 88 gas
Oliver Super 66
Oliver 66 gas, nice
Oliver 1655 diesel, WF, $4,500
Oliver crawler w/roll guard
IH 504, power steering, 3PT
C Allis w/belly mower
Ferguson 30, 3PT, $1,950

CORN PLANTERS & DRILLS

JD 8300
JD FBB
IH 10
IH 510
IH 21 D-disc w/brass wheels

SPREADERS

NI 3600 series, auger side throw, 1600 gal., tandem axle, real nice, $4500
NH 363 rt. hand tank, excellent shape

CULTIVATORS

HAYBINES & RAKES

JD 640 w/dolly wheels
JD 1209 9'
NH 1495, gas, cab, 12' self-propelled
NH 474 7'
IH 225 gas, SP w/cab
(2) IH 990 9'
Hesston 1010 10' hydro swing
Bale wagons w/steel racks, $1250 each
NH 495 12' 1600 & 3200

GOOD RUNNING MOTORS

Tractors JD 4440, 4240, 4320, 4020, 4010, 2840, 2510, 2010, 1010 IH: 1066, 986, 856, 806, 756, 706, 560, 460, 400, 450, 584, 574, 664, 544, 504, 340, 300, C, H, M. AC: D17, D19, WD, WC, XT 190, 210, 220, CA, C. Case. 530, 300 Ford. 8N, NAA, 800, 871, 3000, 4000, 5000
Combines: JD: 7720, 7700, 6620, 6600, 4420, 4400, 3300. IH: 1480, 1440, 915, 815, 715, 615, 315, 205, 203 AC: L, M2, F, C2, G, E. MF: 760, 750, 510, 410, 300.

(2) IH 6 cyl. gas w/clutch
Chrysler ind. 8 cyl. w/clutch
6 cyl. Hercules w/clutch

NEW 3 PT. EQUIPMENT

Post Hole Diggers
Snow, Dirt, Manure Blades
Stone Rakes
Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert. Spreaders
Cement Mixers

AC hydrostatic lister diesel skid loader for parts

LOADERS

AC fits D19
AC fits D17
(3) Fords w/hyd bucket
Snow blades for loader or front mounted
IH fits Super M
IH 2000 series hydraulic bucket, dirt & fork off of IH 806, $1500
JD 46 loader
JD 45 for 2 cyl. tractor, real nice
JD 146 off JD 3020, $1600
NI w/wide bucket

BALERS

NH 852 round baler auto wrap
NH 273 w/thrower
NH Super 68 w/chute, $500
JD 410 round baler 4' bales, nice
IH 2400 round bale, nice, $3500
IH 45, nice, $200
Hesston 5600 round baler, $3000

MISC.

MF S disk drill
Killbros 350 gravity box
(3) IH semi & trailer belt drive
IH fast hitch mower
JD elevator w/drag elevator
(2) 24' elevators
(2) JD 350 3PT mower
New Case backhoe loader bucket
IH & JD mowers
Heavy duty gravity wagon
NI PTO elevator
20' grain or feed elevator, $250
PTO 40' auger elevator, $700

GRINDER/MIXER

Gehl 95, real nice
NH 352 SOLD er, nice
IH 1150 grinder mixer, $2275

MOWERS/ ROTARY MOWERS

AC trailer type belt drive
(2) JD 6' pull type
3 pt. 6, 7 & 8'
Also pull types.
Rotary mower
Ford 7' 3PT
IH 14' flail stalk cutter
IH 3PT belt drive
NEW 11' rotary mowers HD up to 125 HP

CORN PICKERS

NI 325 2R 30"
Late NI 323
(3) NI 323 1R
(2) NI 10 1R
(4) NI 324 2R, 38"
(2) NI 325 2R, 30"
NI 325 2R 30" w/12 roll bed
NI 319 2R mt.
Farmall 460 gas w/IH mt.
JD 300 w/choice of 2R 30" or 2R 38" or 3R 30" heads

HARVESTERS & UNLOADING WAGONS

Badger 3 beater tandem & roof
Hesston self-propelled chopper attach. for AC Snapper head
Gehl 6' flail chopper
NH 890 w/2R 30" & pickup
NH 770 w/2R head
JD 38 w/pickup & 2 row
JD 35 w/2R head & pickup
JD 216 tandem wheel unloading wagon
(3) JD 16A 6' flail chopper
JD 38, 2R, & pickup, $1,500
JD direct cut for 38 - 3800 - 35
JD 2R for 38 - 3800 - 35
IH direct cut for 50 - 555 - 550 - 650
NI 767 harv w/PU & 3R 30" or 38" corn off of 709 or 802
NI 768 WN 3R 30"-38" head
Coby 3 beater unloading wagon w/roof
Badger tandem, 3 beater w/roof
Badger 3 beater, roof unloading wagon
AC unloading wagon, no roof

EXTRA CORN HEADS & GRAIN HEADS

WIDE FRONT ENDS & DUAL WHEELS

WF Ends: IH: 460, 560, 706, 806, 856, 756, 1256. AC: D19. Ford: 5000, 6000. MM: G1000. Oliver: 66, 77, 88, 1800.

PLOWS

50 reests & trips 2-6 bottoms

30 DISC HARROWS

IH: TD5 Crawler, 3414, 1256, 1066, 966, 856, 666 Hydro, 806, 706, 704, 674, 664, 660, 656, 574, 560, T, 544 Hydro, 544 Gear, 504, 404, 460, 450, 444, B 414, 400, 350, 340, 300, B275, 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12. JD: M, 4020 dsl., 4010, 3020 dsl., 3010, 2020 dsl., 2010, 720, 430, 420, 70, 60, 50, A, B. AC: 5050, 190XT, 180, D14, D15, D17, D19, WD, WC, CA, C, B. MF: 1155, 90, 85, 444, 333, 175, 65, 44, 33, 30, 20. Case: 600, 530, 310, 300, DC, SC, VC, VAC. Ford: 6000, 5000, 4500, 4100, 4000D, 3400 ind., 960, 861, 860, 800, 600, 641, 600, 8N, 9N. Ford major, 5000. Oliver: OC3 Crawler, OC6, 1800, 1600, 880, 770, 88, 77, 70, 66, 60, 55. MM U, MM 5 Star, MM Jet Star 3, MM 335, MMG 1000, R, Z, E3 Coop, David Brown 990. New Field & 345 Leyland, gas track crane w/boom for parts.

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COMBINES w/Good Selection Of Heads: We have 16 late model, very nice, local, one-owner combines.

JD 8820 4WD, Full Equip. w/220 Flex.

1985 JD 6620, Side Hill, Titan II, Full Equip., Real Nice, w/215 Flex.

1982 JD 6620 Side Hill w/Full Equip

1981 JD 6620 Side Hill Combine.

JD 6620 4WD w/215 Flex And 643 Corn Head.

JD 6620 LL, 1 Owner, Full Equipment, $20,000.

(77) JD 7700, C.A.

(75) 6600 D. Rotary Screen good.

JD 6600 Gas w/443 Cornhead, As Is.

JD (77) 4400 D., C.A.

JD 4400 Gas, 13' grain.

JD 4400D w/Fire Damaged Cab.

IH 1460, C.A., Hydro, 4WD w/820 Flex & 863 Corn Head.

MF 860 C.A., V-8, Hydro., 4WD w/9115 Flex & 1163 Corn Head.

MF 850, C.A., Turbo, Hydro., w/17' Flex And 6R Cornhead.

MF (78) 760 C.A., V-8, Hydro., 4 WD, w/2 Heads.

MF (76) 750 Cab, Air, Hydro

MF 550, C.A., Hydro., 4WD.

MF 550, C.A., Hydro.

White 8900, C.A., Turbo Hydro, 4WD w/2 Heads.

IH 915, Turbo Hydro, 4WD, w/810 Grain.

(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.

IH (77) 715 D. C.A. w/810 Grain & 844 Corn Heads; IH 715 Gas, C.A. w/810 13' Grain; NH TR70 C.A. Hydro w/Cat Dsl.

IH 715 Gas w/Cab & 810 grain for $4,850.

N H. TR70 C.A. Hydro.

Gleaner F2 D, CA, w/A430 Corn Head And 13' Flex.

Gleaner M w/15' Flex

N I. 702 & 705 Uni-Systems w/Full Eq.; NI 702 D. w/727 bed & 3R C.H.; NI 702 Uni w/727 And 735 Corn Head; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers; NI Uni 740 Feeder House; NI Uni 838 Husking Unit w/841 Feeder House.

CORNHEADS: JD 644, 643 Oil Bath, 643 LP, 643, 444 LP, 443 Oil Bath, 443 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 453, 454 And 653 Row Crop Head.

I.H. 983; 963; 863; 844; 833; 744; 743; 327; 3R; 227.

Gleaner A638 Corn Head; ML 630; A.C. GL 440, C440, A438 Black, A630 Black, L2, M430, Gleaner C430 C.H., F335.

M.F. 1163, 1144, 1143, 63, 44, 43, 24, 222, 422.

N.I. 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404).

NH 974 N6; NH 974 W6; NH 962 N3 & 962 W4; NH 962 6RN; NH 924, 4RW; White 706N; Oliver White 4N; White 703.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid; JD 216 Rigid.

820 16¼ ' Flex.

I.H. 810-13' Thru 17.5' w/ Reg. or Floating.

M F. 10'-16' Reg. or Floating Bar; A.C. E10'.

N I. 713 Flex Or Rigid; NI 715 S Flex.

NH 960, 13' and 16'; E 10' Grain Head.

TRACTORS:

JD 8850 4WD, C.A., 3 Pt., PTO., Fully Equipped; JD 8650 4WD w/3 Pt. And Duals; JD 4850 C.A.P.S., MFWD, Full Equip., Real Nice; JD 4850 C.A.P.S., MFWD, And Duals; JD 4650 C.A.P.S., Real Nice; '86 Model 4450, C.A.P.S., MFWD; JD 4450, C.A.P.S., MFWD, Real Nice; JD 4450, C.A.P.S., MFWD, Duals; JD 4450, C.A.P.S., MFWD; JD 4250 C.A.P.S., MFWD, Real Nice; (85) JD 4250 C.A.Q.R.; 4050 C.A.P.S., MFWD, Real Nice; JD 4050, C.A.Q.R., 1900 Hrs., Excellent Cond.; JD 2950 CA, MFWD; JD 2950, ROPS, MFWD; JD 4050, ROPS, QR; JD 4050, ROPS, Power Shift; JD 2950 C.A., MFWD; JD 2950 MFWD w/Rollguard; New JD 2355; JD 2550 w/175 Loader, Like New; JD 8640 C.A., 3 Pt., PTO w/Duals; JD 8440 C.A., 4WD; JD 4840 C.A.P.S., Duals; JD 4840 C.A.P.S. Duals & Quick Hitch; JD 4840 C.A.P.S., w/Duals; JD 4640 C.A.P.S., 18x42 Duals; JD 4640 C.A., QR, Duals; JD 4640 C.A.Q.R., 18.4x42 Duals; JD 4640 C.A.Q.R.; 4640 C.A.P.S.; 1981 JD 4440 C.A.P.S.; 1982 JD 4440 C.A.Q.R.; JD 4440, C.A.Q.R., Nice; JD 4440 C.A.Q.R.; JD 4440 C.A.Q.R.; JD 4440, ROPS, Q.R.; (82) JD 4240 C.A.Q.R.; (81) JD 4240 C.A.Q.R.; JD 4240 C.A.Q.R.; JD 4240 C.A. w/Creeper Trans; JD 4240, ROPS, QR; JD 4040, C.A.Q.R., Nice; JD 4040 Fender, Power Shift; JD 2940 MFWD; JD 2940 MFWD w/ROPS; JD 2840 w/Cab; JD 2840 w/ROPS; JD 2840; JD 2640 w/Hi-Lo; JD 1982 2440 w/146 Loader; JD 2040; 4630 SR w/Cab & Air; JD 4630 Fender, Syncro Range; 4430 C.A.P.S.; JD 4430 C.A.Q.R., 20.8x38 Radials; JD 4430, C.A.Q.R.; JD 4430 Fender, QR, As Is; JD 4230 C.A.Q.R., Nice Cond.; JD 4230 C.A.Q.R.; JD 4230 CA, Syncra Range, Nice; JD 4230 C.A.Q.R.; JD 4230 C.A.Q.R., As Is; 4430 ROPS, Syncro Range; JD 4030 Quad Range w/Cab; JD 4030 w/158 Loader, 1000 Hrs. On Overhaul; JD 4030 ROPS, QR; JD 2630 Full Equipment, Local Trade, Real Nice; JD 7520 C.A., 4WD, Needs Motor Work; JD 5020 (Needs Motor Work); JD 4520 ROPS, PS; JD 4320, Real Nice; JD 4320; JD (6) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; 4020 S.C., W.F.E.; 4020 WF, Powershift, Orig. Paint, New 18.4x34's; 4020 S.C., W.F.E.; JD 4020 Dif. Lock, 2 Hydraulics; JD 4020 Tricycle Dsl., Side Console, Nice; JD 4020 w/Cab, Real Good; 1972 JD 4000 w/Cab; JD 4000 D WFE; JD (72) 3020 Tricycle Dsl.; JD 3020 D, WFE, Power Shift; JD 3020 Dsl., WF; JD 3020 D Tricycle; JD 3020 D, WFE; JD 3020D, WFE; 2520 Dsl.; JD 3020 G.; JD 2020 Gas, Real Nice; JD 2020 Dsl.; JD 4010 WFE, Nice; JD 4010 Tricycle, Gas, w/Cab, Nice; (2) JD 3010 D WF; JD 3010 D., Tricycle; JD 3010 Gas; JD 3010 Gas, Tricycle; JD 3010 Gas w/Loader; JD 2510 Tricycle, Gas; JD 730 Dsl. w/3Pt., Good Cond.; JD 730D; 1950 JD D.

IH 5488, C.A., MFWD, 20.8x38 Duals; IH 5488 w/Duals; IH 5488, C.A., Duals; IH 5288 CA w/20.8-38 Duals; 5088 C.A. w/New 20.8x38 Radials; IH 5088 C.A.; 3588 2+2, C.A.; IH 3588 2+2, C.A.; IH 3388 2+2; IH 1586, CA, Duals; IH 1586 C.A.; IH 1586 C.A. (Needs Trans. Work); IH 1486 C.A. Duals; IH 1486 CA; 1086 C.A. 20.8x38 Tires; IH 986 C.A.; IH 986 ROPS; IH 186 Hydro, ROPS; 886 w/R.G.; F786; F686 Original; Farmall 86 Hydro w/2250 Ldr.; IH 4166 4WD, w/3 Pt. And PTO; IH 1466, C.A., 18.4x38 Duals; IH 1066 w/Cab; F 1066 Fender, Original; IH 1066 (Needs TA); IH 1066 Fender; 1566 w/Cab; 1466 w/Cab; 1466, C.A.; IH (76) 1466 w/ROPS; 1466 Fender; IH 966; IH 966D, WFE, TA, 2 Hyds.; 966 Fender; IH 766 C.A.; F766 w/Factory Cab; 766 Fender Dif-Lock, New Tires; Farmall 666, Dsl., WF; IH 1026 Hydro; Farmall 826 Hydro, Nice; IH 826 Dsl., WF; IH 784 MFWD; IH 684 Row Crop Utility; 574 D. w/Loader; IH 574 Dsl.; Farmall 544 Gas, WF, 3 pt.; IH 544 Utility Gas; IH 444 U. Gas w/IH 1501 Loader; Farmall 856 Dsl., Nice; 756 Dsl., WF; Farmall 656 Dsl., Hydro, Real Nice; IH 1206; F560 Gas, WF, Nice; IH 560 Standard Dsl.; Farmall 560 Dsl.; Farmall 400 Tricycle w/PS And Loader; Farmall 350 Tricycle w/PS, FH; Farmall 200; Farmall 100, Hi-Clearance w/ Cultivators; Farmall 100 w/Woods Mower; Farmall 350 w/Fast Hitch, Very good Condition; Farmall M; Super H; Farmall C; IH Super C w/Ldr. And Fast Hitch Equip..

AC (84) 8070 C.A.P.S.; AC 8070 C.A.P.S. w/Duals; AC 8050 C.A.P.S., MFWD; AC 8050 C.A.P.S., w/470 Loader; AC 7060, C.A.P.S., Real Nice; AC 7020 CA, 20 Spd.; AC 7010 C.A.P.S., w/AC 470 Loader; AC 200 w/Cab; AC 200 D original; AC 185; AC 180 Dsl., WFE; AC D17 Series IV D. 3 Pt., WFE; AC D21 Series 2; AC C.A. w/Plow And Cultivator.

(86) Deutz Fahr DX 8.30A, 190 HP, C.A.P.S., MFWD, Nice; Deutz 5506 w/Dunham Lehr Loader, Nice; Deutz Fahr DX 830 C.A.P.S., MFWD.

CASE IH 3294 CA MFWD, Radials, Real Nice; Case 2294, C.A.P.S., MFWD; Case 2294, C.A.P.S., 1200 Hrs., Like New; Case 2094 C.A.P.S., MFWD; Case 4890 4WD Full Equipment; Case 2590, C.A.P.S., 20.8x42; Case 2390 C.A.P.S., Duals; Case 2290 C.A.P.S.; Case 2090 C.A.P.S., 20.8x38; Case 2090 C.A.P.S.; Case 2290, C.A.P.S.; Case 1690 C.A., MFWD; Case 1690, C.A.P.S.; Case 1390; 1983 Case 1290, MFWD w/Case 56 loader; Case 2470 4WD, C.A., 3 Pt. & PTO; Case 1070 w/ Cab (As Is); Case 970; Case 830D WFE; Case 730 Gas w/3 Pt., WF; Case 530 w/Power Steering And 3 Pt.; David Brown 1210 (As Is).

MF 3545, C.A., MFWD; MF 2805 C A., 24 Speed, w/Duals; MF 2745, C.A., 24 Spd., Real Nice; MF 2705 C.A., 24SP.; MF 2705, C A., 8SP.; MF 2705, C A P S.; MF 2675 C.A. 24-Speed; MF 1150 w/ Cab; MF 1150 Fender w/Duals; MF 1135 Fender; MF 1100; MF 1080; MF 165 U. Gas; MF 135 Dsl., w/Ldr.; MF 85 Dsl., Original; MF 65 Tricycle Dsl.; MF 50 Dsl., WF, PS, Real Nice; MF 35.

Ford TW30, C.A., MFWD; Ford TW30 C A., Duals; Ford TW10, ROPS, Dual Power; Ford 7710 C.A., Nice; Ford 8700 C.A., Dual Power; Ford 7700 w/Roll Guard, Dual Power And Load Monitor; Ford 7700 ROPS, New 18.4x34 Tires; Ford 8000; Ford 5000 Dsl., WF; Ford 5000 Gas, One Owner, Original; Ford 3000 w/PS w/Ford 772 Ldr.; Ford 2000 Gas w/Ford Loader, Ford 8N; Ford 8N, Good Cond.; Ford 8N; Ford 9N w/Snow Plow.

Versatile 500 4WD, Full Equip.

White 2-155 C.A., MFWD; WHITE 2-135, C.A.; White 2-105 w/ Hiniker Cab, Good Cond.

OLIVER 1855 MFWD; Oliver 1755 dsl., wfe (needs clutch); Oliver 1655 D, WFE; Oliver 2050; Oliver 1650 D, WFE; Oliver 77 WF; MM G1000 Nice.

Steiger Bearcat 2 w/Duals & 3 Pt.

Tractors & Equip. Just Traded:

JD 2940 w/ROPS; IH 3414 w/Ldr.; JD 2020 w/175 Loader; IH 574 Utility Gas; JD 215 Disc; Kubota B6000 w/Mower; JD 2940 CA; JD 555A Crawler Loader, AC 7030 Fender, Oliver 1755; Wood Chipper.

CORNPICKERS: (4) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers; New Idea 325 Picker w/12 Roll Bed & Super Sheller, Real Nice; NI 325 w/12 Roll Bed, Good Cond.; (4) (Used) 324-2RW w/12 Roll Huskers; NI 324 Picker w/8 Roll Bed; Shellers & Super Shellers; NI 323 Nice; NI 323; NI 323 Picker; NI 330 3R Picker w/12 Roll Bed.

New N I. 329 Super Sheller List $6700.00, Special $3,550; N I. 330 - 3 RN w/Supershellers; 325 2RN w/Grinder.

PICKER: NI 319 Mtd ; NI 319 2 Row Mounted Picker w/12 Roll Bed

FORAGE EQUIP Forage Harvesters w/Choice of Heads.

JD 5400, C A., 4WD w/3 Row & Hay Pickup, Good Cond., JD 5200 4WD Chopper w/Dura Drum Head, JD 3970 w/7' Pickup, JD 3960 w/2 Heads, Full Equip , JD 3940 w/2 Heads, JD 3800 w/2 Heads, JD 3800 Chopper, Hay Pick-Up; JD 3800 Harvester, w/2R Corn Head, JD 3960 w/3R Cornhead, JD 3960, JD 35 Chopper, JD 34 Chopper w/1 Row And Hay Pickup

NH 1890 4WD w/3 Row Auger Base & Hay P U , Good Cond ; NH 900 Chopper, Like New; NH 900 Chopper; NH 890 w/Electric Controls, 2R Corn & Hay Pickup; NH 782 w/824 Corn Head And Hay Pickup, Good Cond.; NH 770 w/ heads; NH 770 w/822 Cornhead, NH open end hay pickup heads, 6'; IH 720 w/2R And Pickup, Good Cond.

Gehl 1200 Tandem Axle Chopper w/3R corn Head And Hay Pickup.

Field Queen Self-Prop. Chopper w/ Cab And 2 Heads.

NI 709 Uni, 4WD, w/767 Chopper.

NI 708 w/767 Chopper And 768 3R Corn Head; Hesston 7020 w/Hay Pick-Up.

Fox Super D w/Cab 3R C.H. & PU.

Gehl CB 1200 Chopper.

Balzer 1014 Hydraulic Dump Station

FORAGE HEADS: NH 824 Corn Head; NH 717-S Direct-Cut for 770 & S717; 890 EN-2RN Snapper; 770-1R Snapper; (3) NH 822 Silage; NH 890 w/2 or 3R C H.; NH 890 2R Snapper Head; NH 890 Direct Cut Head; 1, 2, & 3R Silage; NH 880W PU; NH 880 S Direct Cut; NH 890 N3 3R Corn; Incomplete; NH 974 4RN Corn Head w/Adapter Plate.

JD 2 & 3R Snapper; 2 & 3 R Silage, Used 5½ ' and 7' Hay Pickups; JD 443 Low Profile Corn Head w/ Adapter Plate For Harvester; JD 343 Cornhead w/Adapter Plate; JD 243 C H w/adapter plate, 3 JD C.H. harvester adapter plates.

IH 2R Snapper Head; 2RN for 650; NI 766 Hay PU; Gehl 2RN Corn Head; Gehl HA900 Hay Pickup

NI 768 WN 3R Corn Head; NI 763 3R Corn Head.

2 CSB 2RW - Snapper; 263-2 RW; 109 Hay Pickup.

BLOWERS: NH 27 Blower; Farmhand Burr Mill Blower.

FLAIL CHOPPERS: JD 16A Flail Chopper; JD 27 Stalk Shredder; MC 6 Row Stalk Shredder; NH 38 Flail, Good Condition; Gehl 7200 Flail Chopper.

SILAGE WAGONS: Kelly Ryan Dump Station; JD 716 Tandem Axle w/ Roof; JD 716A Tandem w/Roof, JD 716 Tandem Axle 3 Beater w/ Roof; JD 716A Tandem w/Roof, Real Good

HAY EQ., BALERS: IH 8540 Baler w/ Thrower, Real Nice; Deutz Allis HD 490 Baler w/Thrower, Like New, JD 466; JD 347 Baler w/ Thrower; JD 347 w/Thrower, JD 337 w/Thrower, JD 327 Baler w/ Thrower, JD 327 Baler w/ Thrower; JD 346 w/Thrower, JD 336 w/Thrower, JD 336 w/ Thrower

Ford NH 326 Baler, 3 Yrs. Old, NH 425 Wire Tie Baler, NH 320 w/New #70 Thrower; NH 320 Baler w/70 Thrower; NH 320 Baler w/¼ Turn Chute, NH 316 Baler, Real Nice, NH 316 w/#75 Thrower, Real Nice, NH 315 w/70 Thrower; NH 315 w/Thrower; NH 315 w/70 Thrower; NH 310 Baler w/70 Thrower; NH 276 Baler w/ Thrower (Wrecked); NH 273 On Steel; NH #75 Ejector; IH 445 Baler w/#15 Thrower; Hesston 4600 In-Like Baler w/Thrower; JD 410 Round Baler; NH 849 Round Baler w/Auto Wrap; NH 848 Round Baler w/Memory Wrap, NH 851 Rd ; NH 847 Auto Wrap, Real Nice; NH 847 w/Auto Wrap, Like New; NH 847 Auto-Wrap; NH 847 Round Baler w/Auto Wrap, NH 846 Round Baler, Manual Tie, Like New; Gehl 1400 And 1500 Round Balers.

RAKES:

NH 259 Rake; JD 670 Rake w/Dolly Wheel; IH #96 Hydraulic Drive Rake w/Dolly Wheel; JD 3 Pt. Hay Rake, MF Hay Rake; (New) PZ 420 Rake; New Grimm 4-Star Tedder; Grimm 7' Tedder; Pequea 710 Hay Tedder; Kuhn 4 Star Tedder; Deutz Fahr KH500 Tedder, Deutz Fahr KS 200 3 Pt. Tedder; Pequea 8' Ground Drive Tedder.

Fisher Hay Windrow Turner, Pequea 466 Windrow Turner.

HAYBINES: (1982) NH 1495 D C A. Hydro, 800 Hrs ; NH 1495 Dsl , C A., Hydro.; NH 1495 D Hydro w/Half Cab; NH 1495 Gas w/Cab; NH 1495 Gas Haybine; NH 499 Hydro Swing Haybine, Very Nice, 495; 489, NH 479, 478; NH 467 And 477; JD 1327 Discbine, Real Nice, JD 1219; JD 1209, JD 1327 Discbine, Like New; Deutz Allis SM-70 Discbine.

New MC 7E; NI 272 and 279 Cutditioners; NH 1005 and 1010 Bale Wagons; NH 1030 Bale Wagon, NH 1002 Bale Wagon w/Tier Type

PLANTERS: AC 333 6R No-Til Planter, JD 7000 8 Row Planter w/Dry Fert , JD 7000 6R Cons , Dry Fert , JD 7000 6R Cons Liq , JD 7000 4R Liq , (Used) 7000-6R Cons Liquid w/No Till, SOLD 6R Cultivation, Dry Fert ; JD 7000 6R Corn Planter, Dry Fert , JD 7100 6R Planter, 3 Pt.; JD 5R Splitter w/No Til JD 7000, 6RW Plate Planter JD 7000 4R Consv , Dry Fert , 7000-4R Dry & Liquid, (2) JD 7000, 4R Dry Fert , Full Equipment, JD 7000 4R Plate Planter JD 7000 4R Planter, Dry Fert., Real Good; IH 800 4RN Liq. Plate Planter, IH 56 4R Planter, Hiniker 4R Econotill, No-Till, w/Kinze Units, White 5100 6R Planter.

DRILLS: JD 8300 21x7 DD; JD 8300 21x7 Single Disc Drill; JD 8300 Drill, 21x7 DD, JD 8250 18x7 DD w/Fert. & Grass Seed; JD 1500 3 Pt. Power Drill; JD 9300 Tandem Drills; Tye 24x6 Drill; IH 5100 21x7 DD w/Press Wheels; IH 5100 24x6 Single Disc w/Grass Seed, Like New; IH 5100 Drill, 21x7 w/Press Wheel And Seed; 510 24x6 Double Disc; IH 510 18x7 DD Drill w/Grass Seed; (New) Brillion 10' Transport Seeder; Brillion 10' Transport Seeder.

GRINDERS/MIXERS: JD SOLD der Mixer SOLD Feeder; Owatonna 450 w/Scales; Bearcat 1250, Allied Tuffy; Roto Grind Tub Grinder.

TILLAGE EQ.: PLOWS: Ford 2X Rollover; Fast Hitch 3X Plow; Ford 3X Plow; Ford 140 3X Spring Reset; IH 450 3X Spring Reset, JD F325 4X, 3 Pt , Hydr. Reset Plow, JD 1250 4X Plow; JD 145 4X Plow, JD 4x16" Roll-Over Plow, JD 8450 4X Rollover Plow; IH 700 4X Spring Reset Plow; IH 700 4X Reset, IH 550 5X; JD 1450 5x18 Plow; JD 2600 4 X Trip Plow; JD 2500 5x18" Spring Reset Plow, New Taylorway Pittsburgh 5X 18" Spring Reset; White 549 5x18" Plow; IH 710 5x18" On-Land Hitch Plow; Oliver 546 5X Trip Plow, Case 400 6X Spring Reset Plow; IH 720 6x18 Plow, IH 720 6X Reset Plow; IH 720 6x16 Spring Reset On-Land, IH 720 6x18" On-Land Plow; White 508, 6X Reset, 6B Semi, IH 700- 6x16 Spring Reset; White 549 5-6x18 Spring Reset, JD 2700 6X Plow, Case 400, 6x18 Spring Reset On Land, (2) JD 945, 5X Semi Rollover, (2) JD 2800S, 7X, JD 2800, 7X Onland, IH 710, 7X Onland; JD 2800 7X On Land, JD 3600 8X Spring Reset, On Land, JD 2800 8X Plow

CHISEL PLOWS Bush Hog 8', Glencoe 10' Pull Type Chisel Plow, JD 1600, 12' Chisel Brady 12' Chisel Plow, Brillion 12 Chisel Plow, AC 13' Chisel Plow Bush Hog 10' w/ Buster Bar, JD 1610 20' Fold, Chisel Plow, Good Cond.

DISCS: JD 3 Pt. 7' Disc, Miller 9' Offset Disc, AC 3100 10' Offset Disc, Oliver 12' Disc; Bush Hog 245 14' Offset Disc, Miller 10' Offset Disc, White 281 12' Offset Disc, IH 770 10' Offset Disk, Like New, IH 770 20' Hyd Fold Offset Disc; Case 14' Heavy Disc; JD 310 14' Disc, JD 210 13' Disc; JD 210 14' Disc, Real Nice; JD 215 Disc; JD 215 Disc; Miller 12' Offset Disc, White 15' Offset Disk; IH 496 18' Hyd Fold Disc w/ Buster Bar; IH 475 20' Hyd. Fold Disc; Case F21 21' Hyd. Fold Disc, IH 475 20' Hyd Fold Disc, Dunham Lehr 34-20' Rock Flex Disc, Rhino F90B 22' Hy Fold, Rock Flex; JD 235 23' Fold Disc, JD 230 24' Hyd. Fold Disc.

MULCH TILLERS: Glenco 7 Tooth Soilsaver w/New Blades; Landoll 7 tooth soil saver; Glenco 18' Fold Soil Saver; Glenco SS18 Fold Soil Saver; Rhino 890 5 Tooth 7' Soil Saver, Like New; IH #60 10' Conser Till; Landoll 20' Hyd. Fold Soil Saver.

CULTIMULCHERS: JD F950 12'; Brillion 12' And 15' Cultimulchers; Brillion 13 Ft. Cultimulcher; Brillion 13'; Brillion 14' Cultimulcher; Dunham Lehr 15'; IH 415 12' Cultimulcher.

CULTIVATORS: JD 4R Front Mount Cultivator; JD AT 40 4R Front Mount Cultivator; IH 68 4R Front Mount Cultivator; McKee 4R S Tine, McKee 4 Row S-Tine Cultivator; (2) JD RG 4; JD & IH 6R 3 pt.; JD 6 Row Cultivator; AC 6 Row S-Tine; Brillion 6 Row HD Cultivator w/8 Row Wings, IH 65 6 & 8R Front Mounted Cultivator; JD 8R Cultivator; 8R S Tine Cultivator; 8R Fold S-Tine Cultivator; 1010 28' Hydraulic Fold Field Cultivator, Brillion 20' Hyd Fold Field Cultivator; White 23 20' Hyd Fold Harrow, Brillion 18 Ft. Mulching Harrow; Brillion 23 Hyd Fold Field Cultivator Vicon 14' Power Harrow.

M C Brillion 21' Hyd Fold Packer, Brillion 23' Fold Packer; Brillion 21 Fold Packer; 5 Shank V-Ripper, Brillion 7 Shank V-Ripper, IH #11 5&7 Shank Spring Reset V Ripper

INDUSTRIAL: IH 3444 Diesel Indust. Tractor Loader w/3 Pt And PTO, IH 3616 Dsl. w/Ldr , New Arps 740 3 Pt. Backhoe, MF 2200 Dsl Forklift, As Is.

1978 Case 580C Dsl. L, B, ROPS, Cab w/Heat, Case 580B LB w/ ROPS; AC 715B L & B.; JD 300 Gas Loader Backhoe; IH TD14, Angle Blade, $2,995; IH 500 Dsl. Crawler w/6-Way Blade; JD 450C Crawler Loader; JD 555 Crawler Loader; 4 In 1 Bucket For JD 450.

SKID LOADERS: Bobcat 533 D Skid; Case 1816 B Skid Loader; Case 1740 Dsl. Skid Loader.

LOADERS & BLADES: JD 58, 145, 146 w/Grapple; 148, 260, 280, IH 2455 Loader; IH 2355, Like New; IH 2350, 2250; 2050; 2000; Case 66 Loader; Farmhand #258 (JD 4230), MF 236; Ford 720 Loader; Artsway HD loader for 4WD; Westendorf 64L; AC Loader For D17, Ford Ldr. For 8000 Etc ; JD Fork Attachment; JD 8' Dozer Blade For 4430, Etc ; Leon 12' Heavy Duty Front Blade, Amco 905 Heavy Front Blade, York 8' 3 Pt Stone Rake; JD 155 9'; Fast Hitch 8' Blade.

LAWN & GARDEN: JD 600 AMT.; JD 950 w/PS And Bush Hog Quick-Tach Loader, Ford 1300D, MFWD; Farmall Cub w/ Equipment; JD 855 4WD Hydro, JD 600 5 Wheeler; Cub Lowboy; Cub Cadet 582 w/Ldr And Mower, Cub 184 w/Mower & Creeper Trans , Cub 154 Lo-Boy, With Creeper Trans ; 154 Lo-Boy w/3 Pt Cadet 782, 1100, JD 935 D w/ Front Mower; JD 420 Dsl w/ Mower, JD 400 w/Cab & 3 Pt , JD 400 w/Mower; JD 318, 317, 316, 214 212, 210, 160, JD 318 Blade & Snow Blower; (New) Johnson Loader For Cub Lobcy Snowblower For JD 300 Series, Loader For JD 318

New Yanmar YFL 1000 Ldr

ROTARY CUTTERS: JD 1508 Wing Cutter, Woods C80 Rotary Cutter Woods 6' 3 Pt Cutter, 10 Offset Cutter.

Hardy H360C0 Ditch Bank Cutter

SICKLE MOWERS. NH 450 3 Pt.

MANURE SPREADERS (New) Gehl 1460 Scavenger Spreader, New H&S #235 Single Axle Spreader; New H&S #310 Tandem Axle Spreader, Gehl 315 Tandem Side Spreader; NI 354 Tandem Spreader; NI 354 Tandem Spreader, Martin V3300 Tandem Tank, Martin 3400 Gal Tank w/ Injectors, Martin Manure Auger, 4 Shank Manure Injector, NH 668 Tandem Tank Spreader, NI 214 Spreader.

New Killbros Bins & Running Gears

MISC. EZ Flo 475 Grain Cart, JD 1210A Grain Cart, Knight Little Auggie Feed Mix Wagon w/ Scales, Schwartz Feed Wagon, (New) White 8' Pull Type Earth Pan, 5½ ' 3 Pt. Box Scraper, Powell 3R Transplanter, (New) Mayrath 32' Elevator, Martin Research #40 Rubber Tracks For Combines, Etc.; Riteway Rock Picker; Farmhand 8' Snow Blower; JD Quick-Couplers; JD WF, 4WD, I H. Flat Top Fenders For 706-1466, I.H. 66 Series Cabs, Damaged IH 84 Series Cab; Year Round Cab For 4320, J D & I H Front & Rear Wts ; JD 243 Corn Head w/Adaptor Plate, New WFE For Ford 7700, Case Motor For 970

J D Roll-Guards.

STRAW CHOPPERS: For J D 4400, 6600, 6620, 7700, M F 510.

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JANUARY SPECIALS

TRACTORS	
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IH 350 w/Ldr.	$ 1,475
Ferguson 20 w/Ldr.	$ 1,775
(70) JD 5020	$ 4,500
IH 1086 C.A.	$ 8,900
COMBINES	
1973 JD 6600 D. C.A. w/Grain Head	$ 3,500
IH '78, 915 D, Cab & Air, Turbo Hydro w/810 grain	$ 7,500
M F. 510 Diesel w/Cab & Q T Grain	$ 2,900
(2) IH 205's w/Cabs, 10' Grain Head, Buy The Pair For	$ 1,500
IH 203 w/Cab And 10' Grain	$ 1,950
JD 4400 Gas	$ 3,500
MISC.	
NI 702 Gas, w/Cab, 726 Bed & 2R Corn Head	$ 1,975
NI 325 w/12 Roll Bed	$ 3,500
IH 800 4 Row Plate Planter	$ 2,900

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JD 4240, SGB, QR Trans., 1982, sharp	$19,500
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JD 4430 QR Trans SGB	$14,800
JD 4230, QR, trans., SGB, nice	$13,800
JD 2140, SGB, same as 2750, 75 HP	$13,500
JD 2750 new tires & paint, nice	$12,600
JD 2550 diesel ind. PTO, nice, 65 HP	$12,500
JD 4230 diesel, QR trans SGB	$12,400
JD 4430 SGB, 1975, nice, original	$12,300
JD 4230 QR, cab, air, new tires	$11,200
JD 2150 diesel, 1986, 620 hrs.	$10,500
JD 2640 ind. PTO, 70 hp, new paint, 1982	$9,400
JD 4020 side console cab, 2 hyds. orig.	$9,300
JD 2440 1982, hi/lo, ind. PTO, nice	$9,200
JD 2640, hi/lo, 2 hyd. SOLD TO, 3600 hrs.	$8,800
JD 2440, 1982, nice tractor	$8,600
JD 2240 diesel 1982, new paint, 50 HP.	$8,500
JD 4020 side console, 1972, PS	$8,400
JD 2840 diesel, 2100 hrs., original	$8,300
JD 2520 diesel WF, overhauled	$7,800
JD 4020, WF, PS, trans, nice	$7,700
JD 4020, SR trans, WF, 1967 model	$7,500
JD 3130 same as 2840 late model	$7,400
Case 1845 dsl. uniloader clean	$7,300
JD 4020, PS trans, WF, original tractor.	$7,200
JD 3020 diesel WF, SR trans, sharp	$6,800
JD 5020 diesel, overhauled, 135 hp	$6,500
JD 2030 diesel overhauled and painted	$6,400
JD 2130 ind PTO, d SOLD cond., 65 HP	$6,300
JD 125 dsl. skid loader, 2100 hrs.	$6,200
JD 4010 dsl, WF, good rubber	$6,000
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JD 2510, WF, new tires, diesel	$5,400
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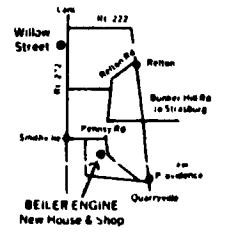

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NH 258 Hay Rake
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Int. 1456 Tractor w/Duals
Int. 3-Bot. Rollover Plow

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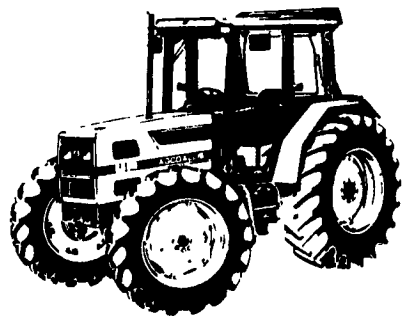

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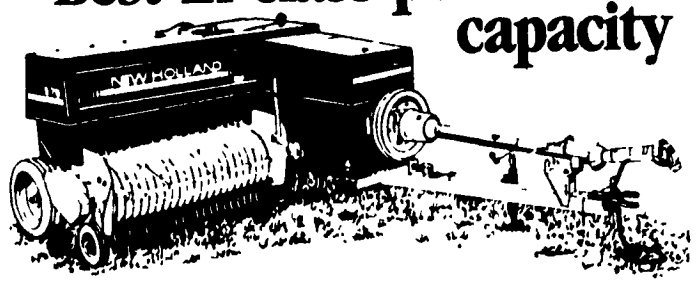

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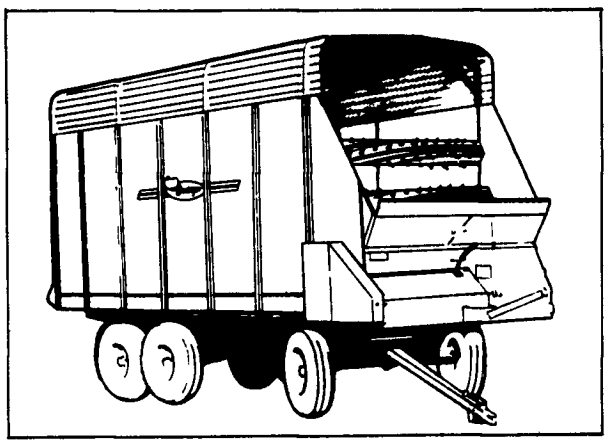

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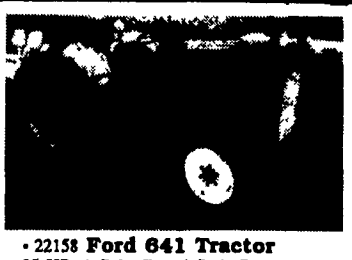

• 22158 **Ford 641 Tractor** 35 HP, 4 Cyl., Gas, 4 Spd, Cat 1, 3 Pt., 540 RPM PTO, New Ft. Tires, Runs Good ~~$3,675~~ **$3,250**

• 22340 **Kubota KH28 Excavator** 48 HP, 6 Cyl., 12' Digging Depth, Full Cab, 24" Bucket, Dozer Blade, Cab & Boom Swing, Good Condituon **$15,875**

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- 22365 **Davis D100 Backhoe** 6' Digging Depth SOLD ket, Skid-Steer Loader Mountung ~~$1,595~~
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- M1061 **Danuser HS54 Hyd. Box Scraper** 54", Cat 1, 3 Pt., Hyd. Dump w/Cylinder, Brand New (Retail $1,209) ~~$495~~
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- 22211 **Kubota B-2750 Blade** 42", Front Mount, M.A., Fits B-Series Tractors ~~$195~~
- 21854 **Kubota G-2000 Blade**, 48", Front Mount, Fits G-200 Series Tractors ~~$150~~
- 22092 **Kubota G-2000 Blade** 48", Front Mount, M.A., Fits G-200 Senes LGTS ~~$175~~
- 21374 **Sauder Hydraulic Front Blade** ~~$275~~
- 20997 **Ford 09GN3598 Blade** 48" Frt. Mount, Fits Ford/Gilson Garden Tractors, Good Condition ~~$175~~
- 20186 **Kubota F-3219 Broom** 60", 50/50 Steel & Poly Bristles, w/pwr. Angle Kit (Fits F-Series Kubotas), Good Condition ~~$1,450~~
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- 21274-21278 **Trailblazer 1100 Foam Marker**, w/12 Qts., Foam & 6 Air Filters, Brand New (Retail $1,097) ~~$595~~
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- 17071 **Kubota L-3571 Mower**, 6', Finish Cut, 3 Pt., New Demo Unit (Retail $1,654) ~~$975~~
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- 20800 **Homemade Row Maker** 3 Pt., Cat. 0 ~~$45~~
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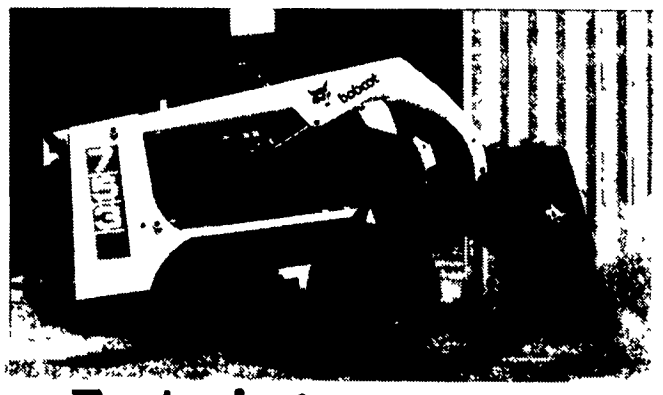

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New Model 2500A, 10,000 GVWR, Hydraulic Brakes, Tag #4181 ..... $3,000
Demo Model 2500A, 10,000 GVWR, Hydraulic Brakes, Good Tires, Tag #4188 ..... $2,750
New Model 400, Single Axle, 2900 Lb. GVWR, Tilt Bed, Tag #4353 ..... $1,200
Used Model 500, Single Axle, 3800 Lb. GVWR, Tilt Bed, Tag #6037 ..... $1,200

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Delaware:
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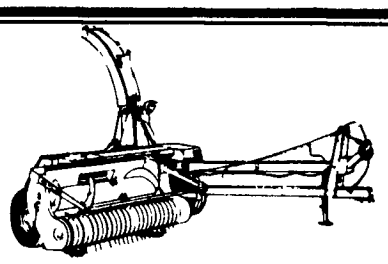
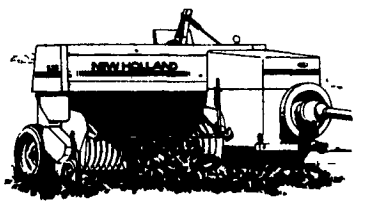


Ford
FORD
NEW HOLLAND



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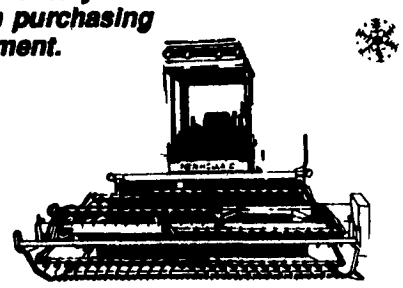
NH L455 Skid Loader, 10:50 Tires, 60" Bucket	$16,420	$11,750
NH 565 Baler, Engine, Steel Whls., Hitch & Chute	$12,821	$ 8,995
NH 565 3 Jt. PTO Hitch & Chute	$11,500	$ 7,500
NH 570 Baler, Big Tires, #72 Thrower	$17,326	$11,750
NH 575 Baler	$15,294	$10,750
NH 451 Mower	$ 3,591	$ 2,595
NH 452 Disc Mower	$ 5,260	$ 3,825
NH 456 Mower	$ 3,970	$ 2,895
NH 492 Haybine	$12,880	$ 8,495
NH 790 Harvester	$15,628	$10,200
or w/824 Head		$13,250
NH 28 Blower	$ 4,338	$ 3,150
NH 40 Blower	$ 4,904	$ 3,570
NH 680 Spreader, 1100 Tires	$ 7,328	$ 4,995

We have a large inventory for you to survey when purchasing your new equipment.



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IH 706, Gas, WFE, Loader
IH Super H
IH 784, Diesel, Row Crop, TA
Case IH 235, 18 HP 4WD Loader, Low Hours
Case IH 485, 42 HP 4WD, Low Hours
AC 8030, 2WD, Cab
JD 2630, Diesel, Good Condition, 70 HP
Case 2290, Cab, Power Shift, Low Hours
Case 2390, Cab, Power Shift, 160 HP

LOADER & BACKHOES

Case 1818 Uniloader
Case 1830 Uniloader
Case 530CK Loader Backhoe, Diesel
Case 580 B Loader Backhoe Diesel, ROPS
Case 580K Backhoe, Cab, Extendahoe
Ford 420 Tractor Loader, Industrial, Cab, 3PT
Gehl 4500 Skid Steer, Hydrostatic

IMPLEMENTS

JD F325 4 Bot. Plow
Haybines, New Hollands, Hesston, Gehl
New Holland 276 Baler w/Thrower
New Idea 243 Spreader, 250 Bushel
New Idea 323 One Row Corn Picker
New Idea 279 Cutditioner, 9'
IH 800 Corn Planter, 4 Row
New Holland 1495 Self Propelled Haybine, Ford Diesel, 12'
New Idea 3816 Slurry Spreader, 1600 Gal., Rental Unit - Reduced
Hesston 3900 Bar Rake w/Caster Wheel
IH 5507 Chisel Plow, 7 Tooth, Demo
MF 124 Square Baler w/Engine
IH 110 Forage Box w/Roof
JD 115 & 125 Chuck Wagons
JD Elevator, Needs Work
New Holland Elevator w/Elec. Motor, Good Condition
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Ford 445A Indust. w/Loader, 4WD, 3 Pt.
Ford 4610 Series 2 w/Cab
Ford 2910 Series II, Hyd. Outlet, 650 Hrs.
Ford 1510, SS Trans., Turf Tires, 200 Hrs.
Ford 901 Dsl., SOS, Reconditioned & Painted
Ford 601 Gas, PS, w/Loader, Reconditioned
Ford 7700 4x4 w/Cab
Ford 8N w/Snow Plow
JD 2020 Dsl., PS, Hyd. Outlet
JD 850, 500 Hrs., 2WD, Ag Tires
IH 300 Utility Gas w/Fast Hitch
AC G w/Cultivator

USED EQUIPMENT

NH 357 Grinder Mixer w/Long Auger
NH 352 Grinder Mixer w/Corn Sheller
Wagner Loader for 8N
Kelly 3PT Backhoe, #30 (New)

Excellent Ford Tractors

8700, cab, air, DP, w/SOLD radial tires, 2,500 hrs.
7700, cab, air, dual power, weights, 1980 model
7610 II, 4WD, syncro w/DP, triple remotes, weights, radial tires, 105 hrs., factory warranty
5610, DP, 18.4x SOLD hrs., 1 owner
5000, dsl., dual power, 540 & 1000, 1973 model
JD 2550, 4WD, hi-low w/245 loader, 2,300 hrs.
4610, syncro trans., dual hyd., 1,100 hrs.
4610, 8 spd., 13.6x38, 2,300 hrs., 1 owner
4600, dsl., 8 speed, 16.9x30, 2900 hrs., 1 owner
4600 SU, dsl., 8 spd., 14.9x28, power adjust
4000, dsl., 8 spd., 1968 model w/Dunham loader
3930, 4WD, 8x8 shuttle trans., deluxe hyd., 45HP, 1990 model

Equipment

Bush Hog 2400 QT load SOLD w/valve, bucket & forks, Ford mounting brackets
Dunham loader w/valve & bucket, brackets for 2000 or 3000 & 4000 SU
NH 144 windrow inverter
NH 489 haybine, 1 owner, low acres
NH 492 haybine w/hyd. swing
NH 680 spreader

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Ford 6600
Farmall Cub w/Attachments
Ford Versatile V-276 By-Directional w/Loader
NH 479 Haybine
NH 55 Rake
NH 256 Rake
NH 668 LH Tank Spreader
Gehl 99 Blower
MF 52 Disc
MF 12 Baler w/Thrower
Woods 5' Rotary Cutter
NI 290 Mower Conditioner

Ford FORD NEW HOLLAND

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TRACTORS

Farmall 460 Diesel, WF, Fast Hitch, Flat Top Fenders, New Rubber
Farmall 400 Diesel w/Belt Pulley

MISC.

NH 202 Spreader For Parts
AC 333 4R No Till Corn Planter, Dry Fertilizer & Monitor
NI 212 3 Beater Manure Spreader
NH 354 Grinder Mixer..... $2,450
NH 850 Round Baler, Nice
JD 400 Grinder Mixer..... $1,750
1969 IH 1600 Loadstar Cattle Truck, 14' Body..... $1,475

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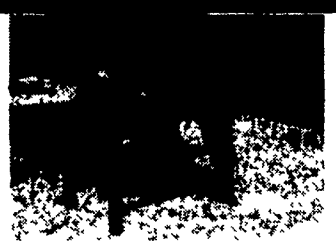
WOODS

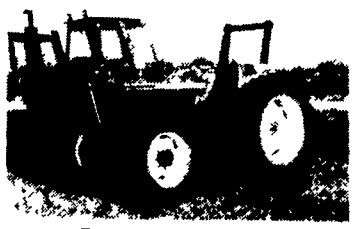
Grain-O-Vator Feed Wagon, Nice Condition.



Woodsman 3 Pt. Wood Saw, New & Used.

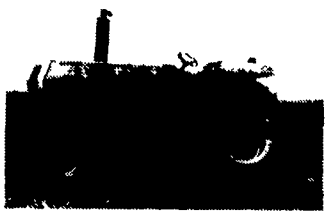
Allis Chalmers Model 'G' With Cultivators And Corn Planter.

White 4-150, Dual Remotes, 3 Pt., PTO, 18.4x38's, Very Clean.



1980 Ford 5600, 4WD, New 16.9x38's, Dual Power.

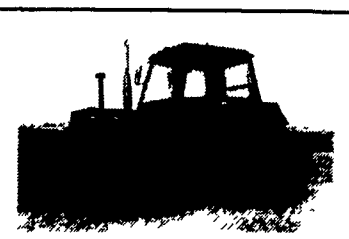
Yanmar 155D, Diesel, 4WD 3 Pt., PTO, Attachments Include 1X Plow, Disc, Cultivator, And Scraper Blade.



White 2-105, 1976, Dual Remotes 18.4x38's, Good Condition, 105 HP.

International 530 Manure Spreader 148 Cubic Feet Capacity.

Minneapolis Moline Jet Star 2, Gas With Loader, 14.9x28's, 1 Remote.



Same 85 Leopard, MFWD Cab 16.9x34's And 14.9x24's 8 Speed, Dual Remotes.

FARM TRACTORS

Case 4490- 1982, Cab, 4WD, 3 Pt., PTO
IH 884 Cab/Air, MFWD, 2250 Loader
JD 2440 w/146 Loader, Low Hrs.
IH 1086- 1980 Cab/Air, 18.4x38's
IH 1086 1977 Cab/Air
White 4-150- 1975, 4WD, Cab, 3 Pt., PTO
IH 986- 1976 Cab/Air, 18.4x38's
Same 85 4WD, Cab
AC 7040- 1977, Cab, 20.8x38's
White 2-105- 1976, Dual Remotes
Ford 5600- MFWD
IH 100 Hydro, 18.4x38's
Kubota L2850 4WD w/Loader
IH 826 Cab, 16.9x34's, Fast Hitch
JD 4010 Diesel, Wide Front
Ford 6600 Hi-Crop, 15.5x38's
Ford 1510 Diesel, 4WD, 3 Pt., PTO
IH 2424 Gas, 3 Pt., PTO- Nice
Yanmar 155D w/3 Pt. Tools
Oliver 1855, 18.4x34's, Dual Remotes
Ford 861 w/Loader
MF 20C, Gas, Loader
JD 420- 2 Cylinder, Wide Front
MF 65 Gas w/Loader
MM Jet Star 2 w/Ldr.
IH 560 Diesel Standard, Belt Pulley
Farmall Super C w/Cultivators
IH Cub Lo-Boy w/FH Attachments
IH Cub Lo-Boy w/Belly Mower
JD- B, Narrow Front
AC-G w/Cultivators And Cornplanter
Ford 541 Gas, Offset
(4) Case 930 Standard

TILLAGE

JD 2500 6x18" ASR 5X Base Plow
MF 880 6x18" ASR Plow
(2) IH 720- 5x20 ASR Plow
IH 720 5x18" ASR Plow
White 588 5x18" ASR Plow
IH 700 5x16 ASR Plow
White 548 4x16 ASR Plow
MF 4x16" ASR Plow
IH 642 4x16" Rollover Plow 3X- Base
JD 5x16 Trip Plow
JD 3x16 Semi Mount
IH 710 3x16 Trip Plow- Semi Mount
JD 3x16" 3 Pt. Plow
Ford 3x12 3 Pt. Plow
IH 3X Fast Hitch Plow
Oliver 2X Rollover Plow
Ford, IH 2X Plows
Cub 1X Plow
IH 8' Offset Disc
JD 8' Offset Disc
JD 9 Offset Disc
Bush Hog 8' Offset Disc
Wilbeck 11' Offset Disc
(2) Miller 12' Offset Disc- 3 Bar
MF 12' Offset Disc
(2) White 271- 18' Wing Fold Rock Flex Disc
Rhino F-90- 20' Wing Fold Rock Flex
Kewanee 12' Rock Flex Disc
IH 500 Cutting Disc- 12'
Oliver 12' Disc
IH 37 10' Disc
Oliver 10' Disc
MF 8'- 3 Pt. Disc
IH 55- 13' Chisel Plow Pull Type
Brillion 10' Or 12' Chisel Plow- Pull
JD 1600- 10' Chisel Plow Pull Type
Brillion 7' 3 Pt. Chisel Plow
JD- RM 4x36 Cultivator
(3) JD- RM 6 S-Tine Cultivator
Super A Cultivators
Cub Cultivators
AC D15 Front Mt. Cult.
JD 530 Front Mt. Cult.
JD MT Front Mt. Cult.
Farmall H Or M 4x Front Mt. Cult.
Farmall 706 4x Front Mt. Cult.
White 285- 16' Field Cult. Pull Type
IH 12½' Field Cult.- Fast Hitch
IH 15' Field Cult.- Pull Type
JD 4 Sec. Rotary Hoe
IH 14' Rotary Hoe Fast Hitch
Kewanee 3 Pt. Rotary Hoe
Dunham 16' Cultipacker
Brillion 14' Cultipacker w/Transport
Bearcat 14' Cultipacker w/Transport
Brillion 12' Cultipacker
Brillion 10' Cultipacker
Brillion 10' Cultimulcher
JD 930- 3 Pt. 12' Cultimulcher
IH 315- 12' Cultimulcher
Brillion 12'8" Cultimulcher
Dunham 13' Cultimulcher
Brillion 13'6" Cultimulcher
IH 315- 14' Cultimulcher
Brillion 15' Cultimulcher
Lindsay 7x20 V-Ripper

MISC. EQUIPMENT

Brillion 8' Packer Seeder
AgTech 686 Preseeder
(2) Brillion 6' Packer Seeder- 3 Pt.
Manure Forks And Loader Buckets
Cabs- JD 4020, IH 1066, JD 4230 4 Post, IH 826, MF 1105, JD 4320
Cub Snow Blades And Super A Loader For Farmall Cub Or 140
Kubota 1720 Loader
Sauder Loader
NI 325 2R Cornpicker
18.4x38 Duals- 20.8x38 Duals
JD 653 Bean Head
JD 213 Flex Head
JD 216 Flex Head
Woods 144-12' Stalk Chopper
200 Gal. Pull Type Sprayer
Rhino 15' Wing Fold Rotary Mower
(3) Woods HD 315 Batwing Mower
Woods 6' 3 Pt. Rotary Mower
Woods L59 Belly Mower For Cub
Woods S260 Ditch Bank Mower
New- Woods L306 & L59 Belly Mowers
New- Woods 121- 10' Rotary Mower
JD FB-B 13x7 SD Drill w/Grass
IH 510 13x7 DD Drill w/Grass
IH 10 16x7 DD Drill w/Grass
JD 8300 23x7 SD Drill
New- King Kutter 4', 5', 6' Mowers
New- Long Rototillers 55", 63", 71"
New- Woodsman 250 Woodsaw- 3 Pt.
New- Westfield 6"x16' Auger
NI 32' Elevator
MF 2X Cornplanter
IH 530 Manure Spreader
New Idea 12A Manure Spreader
Gravity Wagons
Shaver HD8 And HD10 Post Driver
Danuser Post Hole Digger
Many Silage & Snapper Heads
(2) 8' Land Rollers
Spike Harrows
Baltic 3 Pt. Spin Spreader
Worksaver 3 Pt. Cement Mixer
Steel Bale Wagons On Gear 18'x8'
6 Ton Running Gear
JD 467 Baler
JD 336 Baler
NH 489 Haybine
NH 256 Hay Rake
NH 56 Hay Rake
Gehl 880 Mower Conditioner
NH 451 Sickle Mower
(2) JD 350- 3 Pt. Sickle Mower
Oliver 351- 3 Pt. Sickle Mower
Grain-O-Vator Feed Wagon
JD 1240 Plateless Planter
JD 7' Hay Pickup Head
2X Tag A Long Trailer- 24,000 GVW
IH 1460 Combine w/863 Cornhead And 820 15' Flex Head

TRACTORS

IH 1066 w/cab
IH 1256
IH 544 D
IH 2656 D
David Brown 990
Ford Jubilee

TILLAGE

MF 16' disc, $1900
Oliver 10' disc, $895
Brillion 10' cultimulcher, $1900
JD 8' cultimulcher, $1200
IH 14' cultimulcher, $1900
Brillion 14' wing harrow, $950
JD 24' wing harrow, $750

PLANTER & DRILLS

IH 56 4x disc openers, $1695
IH 510 13 disc, $1695
IH 10 16 double disc, $1695
IH 10 16 double disc, $1295
JD FBB 16 disc, $750

PLOWS

IH 710 5x, $1495
IH 700 5x, $995
IH 510 5x, $995
JD 1450 5x, $1495
Oliver 4340 3x trail, $495
IH 3x semi-mount, $895

CHISEL PLOWS

IH 10 shank, soil saver, $2900
Ford 9 shank trail, $950
Taylorway 10 shank, $995
Bradey 10 shank, $795

MISC.

MF 110 manure spreader, $1250
Gehl 95 grinder/mixer, $1900
Swartz loader hyd. bucket, $1200
IH 1701 loader hyd. bucket, $875
JD 3 pt. backhoe, $1900
Lucknow 6' snow blower, $695
NH 851 round baler, $3900
NH 311 baler, excellent, $3900

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Tractors

JD 4450, SGB, power shift, MFWD, 2400 hrs.
JD 4450 SGB, power shift, MFWD
1987 JD 4450 SGB, power shift, very nice
JD 4250 power shift, SGB, very nice
JD 4250, quad, SGB
JD 4050 power shift SGB, MFWD
JD 2550 w/146 ldr., very nice
JD 1981 4440 SGB quad
JD 4440 SGB, power shift, very nice
1982 JD 4240 SGB, power shift, 2500 hrs., very nice
1982 JD 4240 SGB, power shift, very nice
JD 4630 cab, air, power shift hyd. front wheel assist, 42" tires
JD 4430, cab, air, quad, 1977 model
JD 4430 cab, air, quad, nice, 4400 orig. hrs.
JD 4430 c[SOLD] quad, nice
JD 1977 model 4030 diesel, 4 post, recent engine overhaul
JD 4320 w/fac. cab, 4400 hrs., very nice
JD 4020 w/cab & air, side console, power shift
JD 4020D 1971 model, WF, 2 hyd., nice
JD 4020[SOLD] power shift, WF, recent eng. overhaul
JD A 2 cylinder

JD 450C crawler dozer w/6 way blade
Case 1835B skid loader, diesel

Case IH 7110 Magnum cab, air, duals, wts., 125 hrs., 1991 model, like new
Case IH 7110 Magnum, cab, air, MFWD
IH 5288 MFWD cab, air, nice, '84 model
IH 5288, 1840 hrs., 2WD, 1 owner, very nice
IH 3688 factory cab & air
IH 1586 factory cab & air w/new TA
IH 1486 factory cab & air w/rebuilt eng.
IH 1086 factory cab & air, new TA, 2600 hrs.
IH 108[SOLD]st ROPS
1980 IH 186 hydro, fac. cab & air, late model
1980 IH 986 factory cab & air
IH 986 factory cab & air, new TA, & clutch
IH 886 factory cab & air, 1752 actual hrs., very sharp
IH 886 factory cab & air, nice
IH 886 4 post WF & 3 pt.
IH 86 hydro, WF, 3PT, nice
IH 966 w/cab, 3 PT, 38" tires, clean
IH 966 diesel, 3PT, WF or NF, very nice
IH 1456 fender tractor, 20" rubber, nice
IH 1066 w/year round cab, sharp
IH 1066 fender tractor, sharp
IH 666, diesel, WF, 3PT, roll bar, sharp
IH 1026 hydro, WF, 3PT (rebuilt hydro)
IH 826 D, gear, 2PT, WF, sharp
IH 756D, WF, 3PT
Case IH 685 w/reverser & Case IH ldr.
IH 884 diesel, late style
IH hydro 84 w/rebuilt hydro and 2250 ldr.
IH 504 gas 3PT, NF
Farmall 504 gas, WF, 3 pt.
Farmall 560 gas w/fast hitch, very nice
MF 3545 cab, air, MFWD, 2500 hrs.

Heads

MF 1163 6RN, very good
MF 1143 4RN corn head, good cond.
MF 1144, 4RW
MF 43, 4RN
MF 9115 flex head
MF 9113 flex head, like new
(2) IH 863 6RN
IH 844, 4RW
IH 943, 4RN
IH 820, flex 13'
JD 643, 6RN
JD 443, 4RN
JD 444 4RW; JD 444 oil bath
JD 343 3RN; 244 2RW
JD 216 flex, black reel
JD 213 flex black reel
JD 215 flex; JD 215 flex black reel
JD 100 Series 13' & 15' rigid heads
JD hay pickup head, 5½'

Implements & Misc.

White 271 rock flex, wing fold, 23' disc
NH 846 round baler
IH 720 6x16 toggle trip
IH 720 5x16 toggle trip
IH 710 5x16 auto reset
White 5'x18" plow
JD 145 5x16 plow
MF 4x16" rollover plow
Dual wheels - 34's and 38's
Tractor Weights JD & IH
Wilrich 9 shank chisel w/front blades
IH 480 wing fold disk
IH 475 21' disk, hyd. wing fold
IH 475 manual fold
IH 35 disk, 10½'
Year round cab off IH 66 series w/air, nice
NEW WF for JD 3010 thru 4320
1 set of 23.1-34" tires & rims off IH tractor, 80%

Uni Systems

NI 702 gas w/cab & air
NI 813 & 815 (low acre flex heads)
NI 767 Super chopper w/3RN and hay head
NI 725, 735, 738 corn heads
NI 727 husker
NI 711 grain head, nice

Combines

1984 JD 7720 loaded, very nice
1975 7700 D turbo, hydro, nice
1977 6600 D w/404 eng.
1979 JD 4400D, cab, air, nice
JD 4400 D, cab, air, nice

Used Parts

IH 706 diesel
IH 1256
IH 70 hydro
IH 806 diesel & gas
IH 560 D
IH 706 gas tractor
IH dual PTO units
IH 826 diesel
IH 1026 hydro
Farmall 400 & 450 D & gas
Farmall H & M
NI 713 & 715 grain heads
NI 702 D & 701 G & 702 G
NI 717 combine
JD 4020 dsl., powershift
JD 3020 G
IH 544 diesel, hydro Farmall
IH 504 utility
IH 856 diesel

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JD 2755 Tractor w/cab and MFWD, 1987 Model, New tires all around **$23,900**
JD 2350 Tractor 2 WD w/Hi-Lo Trans., dual hydraulic outlets, excellent cond. **$12,900**
JD 3010 Tractor w/3020 Dsl. engine, narrow front end, single hydl. outlet, syncro range trans. **$5,750**
JD 2510 Dsl. Tractor w/2520 Engine, WFE, single hyd. outlet **$5,750**
JD 2950 Tractor w/MFWD, dual hyd. outlets, hi-lo trans **$17,900**
IH 1066 Tractor w/cab, 18.4x38 tires, dual hyd. outlets, approx. 3500 hrs. **$8,200**
IH 1086 Tractor w/factory cab, dual hyd. outlets, new 20.8x38 radial tires, one owner, 3500 hrs. **$15,500**
David Brown 1212 Dsl. Tractor, overhauled last fall, power steering **$3,995**

HAY AND FORAGE EQUIPMENT

Waiver of Finance Til Nov. 1st, 1992 or 5.9% Variable Rate Financing for 48 mo. or Cash Discount. Upon Approval.

JD 5820 Self-Propelled Forage Harvester w/28Lx26 tires, power rear wheel assist, rotary screen, one owner, 1375 hrs., extra nice ..... **Call For Details**
(2) JD 3970 Forage Harvester w/metal detector, spout track, long tongue, hydra electric controls, field ready **$13,200**
JD 3960 Forage Harvester w/long tongue, hyd. tongue positioner, hydra electric controls **$7,900**
JD 3960 Forage Harvester w/long tongue, with manual controls **$6,500**
JD 3 RN corn head w/multi luber, 150 acres since rebuilt **$4,500**
JD 3 RN Corn Head w/multi luber **$5,350**
(2) JD 3RN Corn Head w/multi luber **$5,800/each**
JD 5½' Hay Pickup Head **$450**
JD Adapter Plate for Snapper Head **$500**
IH 445 Square Baler w/#15 Thrower, 1984-85 Model, Cylinder on Thrower **$2,900**
OMC 596 Round Baler w/hyd. twine tie, 4 yrs. old, baled approx. 500 bales **$5,500**
JD 327 Square Baler w/ejector, 1986 Model **$6,900**
NH 495 12' Mower Conditioner, cutter bar rebuilt, repainted **$3,100**
JD 640 Bar Rake w/dolly wheel **$1,200**

PLANTERS

Waiver of Finance Til April 1, 1992 Upon Approval

JD 7000 6R Planter w/No-Till attach., dry fert., monitor, hyd. markers **$5,500**
(3) JD FBB-B Grain Drill, w/fert, grass seed attachment, 15x7 boot ..... **$350-$1,000**

TILLAGE

JD 110 Disc Harrow 11', very good cond. **$1,800**
JD Cushion Gang Attachment for on JD 110 Disc Harrow **$400**

Norm Shores & Son Tractor

RR 5, Towanda, PA 18848

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Delivery Available
Lease Financing Available

USED TRACTORS

Ford TW5, Series II, Cab & Air, Dual power, dual remotes, deluxe hyd. system, 1300 hrs., excellent
Ford 7700 2WD, no cab, w/dual power, 38" tires, good condition
Ford 7610 Dsl. factory cab w/heat, dual power, dual PTO, 38" tires and weights, very nice
Ford 6600 Dsl. w/dual power, 38" tires, front weights, extra nice, clean tractor
Ford 6600 w/factory cab, dual power, dual remotes, Ford 772 QT loader, 2500 hrs., very nice
Ford 2000 Gas, 4 spd, extra nice, clean, little tractor
Ford 801 Dsl., 5 spd., live PTO, PS, weights, remotes, very nice condition
Ford 601 Gas, 4 spd., w/Ford 705 front dozer blade
Ford 9N w/weights, front snow plow, excellent
Ford 9N w/step-up transmission, fresh overhaul, new tires and paint, excellent
JD 4620 w/factory cab, power shift, 2 remotes, 20x38 radials, excellent
JD 4520 w/year-round cab, air, 3400 hrs., 2 remotes, very nice
JD 4320, Factory Cab, w/air, dual remotes, 3800 hrs., excellent condition
JD 2950, 4WD, cab, air, fully equipped, 2500 hrs., excellent
JD 830 2 cyl. dsl., direct electric start, PS, PTO, remote, all original, very nice
Case 730 Dsl., WF, 3PT, dual remotes and weights, totally original, excellent condition
AC D17, w/PS and AC trip bucket loader
IH 1594, 4WD dsl. w/ROPS, 1985 model w/1200 hrs., very nice
IH 1066 factory cab w/air, dual remotes, nice clean original tractor

USED PLANTERS AND DRILLS

JD 7000 4R conservation, insect. boxes and monitor, excel. condition
JD "B" 18x7 Double Disc w/seed & grass seed, hyd. lift, excellent
Brillion 12' seeder, late model w/hyd. transport, excellent
IH #10 16 DD Grain drill, w/ fert. & seed, excellent

USED PLOWS AND CHISELS

Case 6x18 auto reset w/coulters and gauge wheel excel. (White 588)
White 598 5x auto reset variable width w/coulters, very good cond.
Oliver 548 5x16 auto reset w/curved coulters, side hill hitch gauge wheel, excellent
Oliver 548 4x16, auto reset w/coulter and gauge wheel, very nice
Glenco 9 tooth soil saver, late model, used very little, just like new
Glenco 9 tooth soil saver, very good condition
IH 710 5x16 Auto Reset, coulters & gauge wheel, very nice
IH 720 4x16 Auto Reset, excellent
JD 2600 4 bottom spring automatic, fully equipped, very good condition

USED DISCS AND HARROWS

IH 315 13' Cultimulcher w/inside wheels, very good cond.
JD 1630, 11' Plowing Disc, 26" blades, like new
JD 220, 20' Hydraulic Center Fold, Excellent Cond.
JD 230, 20' Hydraulic Wing Fold, 21" Blades, Tandem Wheels
White 265 10' plowing disc, very nice cond.
White 263 12' finishing disc w/tandem wheels, very nice
Pittsburgh 24' spring tooth transport harrow
Miller 10' offset disc, tandem wheels, 25" blades, heavy 3 bar frame, excellent cond
Krause 12' offset disc, very nice
Brillion 23' all hydraulic x-fold cultipacker, almost new
Knowles 20' transport spring tooth harrow, used very little

USED FORAGE EQUIPMENT

NH 770 w/2RN corn, 770W pickup, HD 540 PTO, very nice
NH 782 w/824 corn, 770 pickup, HD540 PTO, good condition
JD 3960, 2RN and pickup, electric controls, hyd. tongue, very good condition
JD 3970 3RN, 7' Pickup, iron guard, spout and row track, electric controls, excellent
JD 5400 cab, air, 4WD, JD Dura-Drum, 3 RN 7' pickup, 3600 hrs., excellent condition

USED HAY EQUIPMENT

NH 315 Baler w/#75 pan thrower, excellent
NH 315 w/#70 thrower, nice, clean, orig. baler
NH 489 Haybine, stop guards, hyd. tongue, like new
NH 488 Haybine, 9' cylinders and hoses, good machine, w/excellent rolls
NH 495 12' Haybine, very good condition
NH 256 Rake, w/rubber teeth, nice
NH 256 Rake, w/rubber teeth, one yr. old, like new
Pequea 710 Hay tedder, used very little
Several used wooden bale throw wagons w/gears
Used pipe type bale throw wagon w/NH gear, excellent
New quality Diller 8x18 bale throw racks w/choice of 6 or 8 ton gears

USED SILAGE WAGONS

Papec Dion 3 beater w/roof and tandem
Artsway Dion, 3 beater w/roof, 12 ton tandem excellent
JD 716 3 beater w/roof, tandem running gear
Lamco 14' 3 beater, no roof
NH #8 3 beater, no roof, very nice

USED SPREADERS

NH 680 Tandem Axle w/hyd. endgate w/slurry sides, excellent
NH 679 Tandem Axle spreader w/gate
JD 780 Tandem Hydro Push Spreader 540 PTO w/endgate and control valve

LOADERS

JD 260 Quick attach loader w/quick attach bucket, excellent
JD 148 Loader w/Heavy Duty Frame Work For Utility Style Tractors And Indep. Valve, Very Nice Condition
IH 2001 Loader, brackets for 656 thru 686
Ford 772 QT 6' bucket, valve and pump, fits 5000-7610

USED HARVESTER HEADS

NH 900 hay pickup head
NH 824 2R Corn, excellent
NH 3RN auger base corn head package,
NH Auger base w/8' hay pickup
JD 2RW w/clutch
Gehl TR30 38 late model 2R adj. cornhead
NH 770W hay pickup head, excellent
Gehl 2RW older style, good cond.

USED CONSTRUCTION EQUIPMENT

JD 2010 Dsl. crawler loader w/ROPS, rear weights and hyd. shuttle, nice clean older machine
Ford 3400 Gas w/ldr., 3 pt. and PS

MISCELLANEOUS

MF 410 Combine 13' Rume reel, cab & air, extra nice
JD 18x38 axle mount duals
IH 16x38 axle mount duals
JD Forage Harvester adapter plate for snapper head

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NEW TRACTORS & EQUIPMENT

Case-IH 1120 MFD Hydro
Case-IH 595, 2WD
Case-IH 695 MFD
Case-IH 995, 85 HP
Case-IH 5120, MFD, 77 HP
Case-IH 7110, 2WD w/Cab
Case-IH 4500, VS Field Cult.
Case-IH 5710 Trail Chisel Plow
Case-IH 8420 Round Baler
Case-IH 8530 Sq. Baler w/Thro.
Case-IH 475 12' Disk Har.
Case-IH 5300 16x7 Drill
Case-IH 5300 20x6 drill
Case-IH 5300 24x6 drill
Case-IH 2250 Loader
Case-IH 3309 Disc Mower/Cond.
Case-IH 860 Hay Rake, Gr. Dr.
Case-IH 8330 Mower/Cond., 9'
Case-IH 600 Forage Blower
Case-IH 781 Harv. w/Hds.
Case-IH 900 6R Planter

USED TRACTORS & EQUIPMENT

Case-IH 2096 w/Cab (1200 Hrs.)	$26,500	IH 10' Cultipacker	$ 350
AC 6080 80HP Tractor	$11,500	IH 350 Disk, 10½ '	$ 1,200
IH 1066 (2159 Hrs.) Nice	$15,000	IH 510 5F 18" Plow	$ 1,150
IH 684 RC (1981) Tractor	$10,000	IH 550 5F 16" Plow	$ 1,250
Case 1190 (1983, 660 Hrs.)	$ 9,500	IH 411 4F 16" 2PT Plow	$ 500
IH F-656 G	$ 4,500	IH 800 6R Air Planter	$ 6,250
IH 574 D, RC	$ 7,150	IH 1190 Mower/Cond. (Nice)	$ 5,350
IH W-4 Tractor	$ 1,850	Ont. 13x7 SD Drill	$ 650
IH F-H Tractor	$ 950	Gehl FB99 Blower	$ 1,250
IH F-BN Tractor	$ 1,150	IH 35 Hay Rake (Real Nice)	$ 1,850
JD 6500 Forage Blower	$ 950	IH 550 Spreader	$ 850
NI 270, 7' Cut/Cond	$ 1,250	Gehl 2R Wide-Narr. Snapper Head (600-700-800 Harv.)	$ 1,500
NH 479 Haybine	$ 1,350	AC 600 4R Planter	$ 1,400
IH 430 Baler w/Thrower	$ 1,850	Cagle 500 Gal. Sprayer	$ 2,000
IH 710 5F 16" Plow w/Cyl.	$ 1,350	Gehl 309, 912 Gal. Spreader	$ 3,250
IH 130 Spreader	$ 650	IH 82 Pull Combine	$ 2,150
Pitts. 12' Field Cult.	$ 975		

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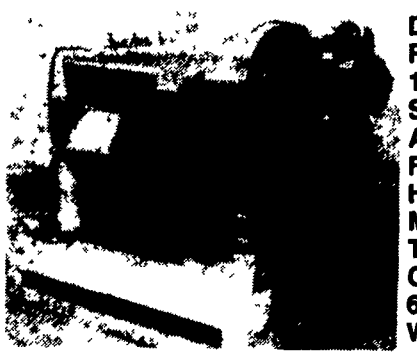

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JD 7000 12R Corn Planter
Hesston 4600 Baler w/ Thrower
Hesston PT10 Windrower
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White 288 Tractor w/Cab, Sharp!
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Westfield 8x51 Auger
Ford 118 Plow
IH 986 Tractor w/Cab
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Woods 84" Rotary Cutter, 3 Pt.
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New 520 Manure Spreader
New 40 Forage Blower
New 716 Forage Box
New 853 Round Baler
Used Super 69 Baler
Used 272 Baler w/SS
Used 315 Baler w/ Thrower
Used 477 Haybine

OTHER TRACTORS
New Bolens H152 Dsl.
New Bolens H174 Dsl.
Used Case 611 B Tractor

OTHER EQUIPMENT
New Kuhn FC300 Disk Mower Conditioner
New Ford 133 High Clearance Chisel Plow
New Ford 101 Moldboard Plow 3B x 14"
New Ford 150 Mtd. Moldboard Plow 3 B-16"
New Ford 151, 4B x 16" Auto Reset Plow
New Ford 151, 4B x 18" Auto Reset Plow
New Glencoe Soil Saver 5 Shank
Used 12' Lift Type Spring Tooth Harrow
Used Kuhn Pull Type Tedder
Used Woods RM 59 Finish Mower
Used NI 212 Manure Spreader
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Ford SOLD
Kubota L4150 w/900 Ldr.
AC 190
Ford 5600 w/Cab
(2) Ford 2110's
Case 1194 w/Cab
Ford 8N

MISCELLANEOUS
DMI Plow Chisel
Bushog Post Hole Digger
Brillion Pulverizer, 12'
McKee SOLD ultivator
Pasture Renovater
IH 1150 Grinder Mixer

MOWER CONDITIONERS
NH 1495 SP Haybine w/Head
NH 495 12' Haybine
NH 411 Discbine, Exc.
MF 925 Mower Conditioner
(3) NH 489 Haybine
NH 499, Hyd. Tongue, Exc
NH 488 Haybine
NH 479 Haybine
NH 469 Haybine
JD 1326 Disc Mower Conditioner

FORAGE EQUIPMENT
(2) NH 1495 Rolareel Heads
Int. 830 w/Corn Head & WPU
NH 30 Blower
NH 40 Blower
Gehl 1200 Harvester w/3RN & WPU
Gehl 1580 Blower
NH #8 Wagon
NH 890 WPU
Field Queen Side Dump Wagon
(2) Field Queen 7600 SP Harvester w/3RN & WPU

SPREADERS
IH 575 NH 308
NH S676 NH 307

LOADERS
Hydramac 12C
NH 783 Skid
Cat 955 Crawler Loader
Ford 3500
Ford 555A, TLB
NH 785 Skid Loader
NH 785 Skid w/Backhoe
NH L775
JD 644B w/3 Yd. Bucket
Ford 555B TLB
JCB 1400 B, TLB
(2) Dunham 22
NH L4 SOLD rk

BALERS
NH 272
NH 273 w/Engine
NH 316 Baler w/75 Thrower
NH 310 w/TJD Eng.
NH 315
Thrower 75
NH 276 w/Thrower
(1) NH 269
NH S68
NH 271 Baler
JD 347 w/Kicker
JD 336 w/Engine
(2) NH 310
NH 270
NH 851, Auto Wrap Baler
MF 124 w/Thrower
NH 276 w/Motor
(3) NH 320 w/70 Thrower
NH 852 Rd. Baler
NH 326 w/¼ Ton Chute

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NH Super 55
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Case IH 540 Spreader
Case IH 415 Packer Mulcher, 10'1" Demo
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MAXXUM TRACTORS... 5120's, 5130, 5140's - call for details!
Case IH Uniloaders - 1845C, 1825 Diesel - call now!
NEW CASE IH 1840 UN SOLD DER w/SPECIAL COMPANY REBATE!
PLOWS... Case IH 145 Rollover, 720 6-Bot., 730 5-Bot!
NEW CASE IH 7500 5-BOT. VARI-WIDTH PLOW - IN FURROW!
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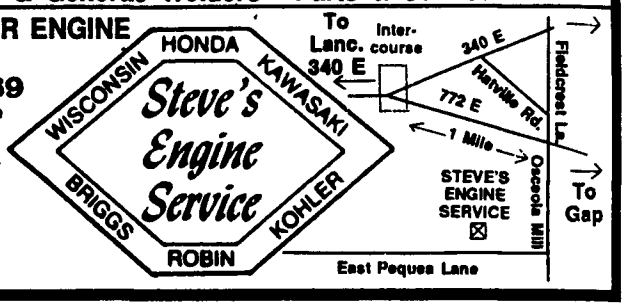

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IH 84 Hydro w/2250 Loader, 58 HP, Like New!
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Cub Cadet 1912 19 HP w/60" Deck, Like New
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AC 600 6-Row Narrow Air Planter, No Til, Ex. Cond.
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JD 7000 6-Row, Liq. Fert., Conservation Model

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IH 37 Disk Harrow
IH 350 Disk Harrow, 28 Disks, 7½ Spacing
White 598 4/5-Bottom Vari-Width Plow, Auto Reset (Case IH Bottoms)

HAY & FORAGE:
NH 460, 9 Ft. Mower Conditioner
NH 479, 9 Ft. Mower Conditioner
NH 315 Baler w/No. 58 Thrower
NH 1495 Self Propelled Windrower
Case IH 900, 9 Ft. Mower Conditioner
JD LR24 Rake
JD 716 Forage Wagon, No Roof, w/JD Running Gear, Tandem Axle
Badger Forage Box w/Tandem Axle
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MISCELLANEOUS:
John Blue 400 Gal. SS Pull-Type Sprayer
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FMC DO-25 300 Gal. w/Gun & Hose Reel, Trailing Model, 2 Cyl. Kohler Engine, Like New
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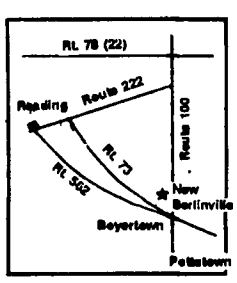

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MF TRACTOR & COMBINE HEADQUARTERS

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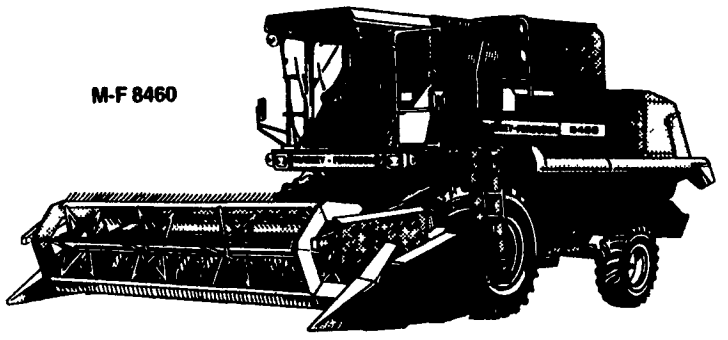

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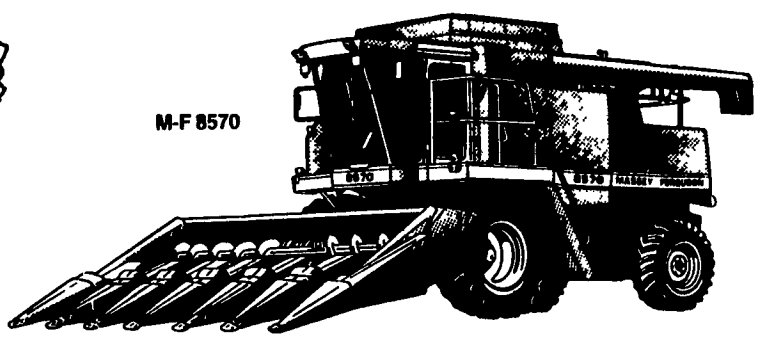


Dear Valued Customers:

Weaver's Annual Discount Days starting January 2 through January 31, 1992 have highest season discounts of the year. Buy NOW and SAVE! Look for our ad in the Lancaster Farming dated December 28, 1991.

A special note to our large buyers: Please submit your large orders of $500.00 or more Now for a bonus discount of 2% prior to the Open House Jan. 24, 1992 to be processed for pickup.

Att: The 2% Bonus is only on orders received prior to January 24, 1992. Order by mail or phone.

10% on all other parts not discounted.

Welcome to our Open House Day - January 24, 1992 for a free lunch. Register for one of nine door prizes with 1st prize being a 1000 PSI Pressure Washer!

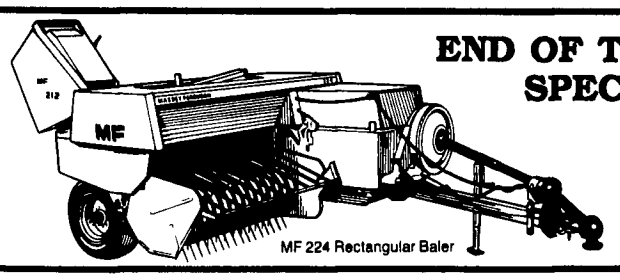
Thanks for your support!

M.M. Weaver & Sons, Inc.

P.S We wish you all a Prosperous New Year!

BETTER-BILT

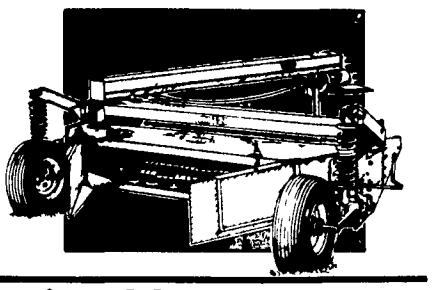
Corn Crib 16' Diameter, Galvanized Roof, $400 You Tear Down!

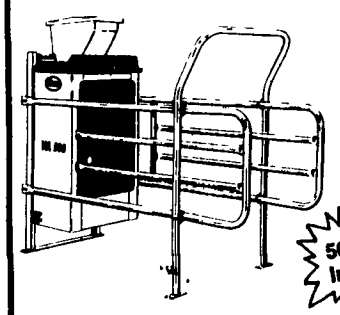


END OF THE SEASON SPECIAL ON

MF 224 & MF 228 BALERS

CLOSE-OUT SPECIALS ON DISC MOWER CONDITIONERS, ONLY 5 LEFT NOW!





VA 500 COMPUTER DAIRY FEEDER!

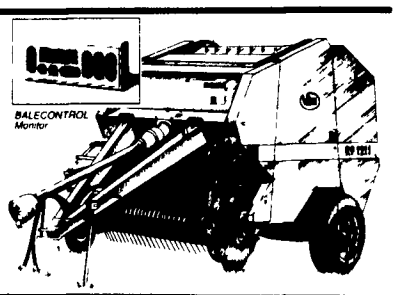
Cows ration is fed automatically according to

25 Cow System $1900.00
50 Cow System $2,900.00
+ Installation

50 Units In Stock

Vicon

Build more bales faster and easier in a day with new automated features on Vicon's RD 1211E round baler



Cash Rebates On ALL LEFTOVER VICON EQUIPMENT

USED TRACTORS

MF 4840, 4 WD, 210 HP	$26,000
MF 2745, 143 HP	$12,000
MF 1155, 140 HP	$8,500
MF 399 4WD, 90 HP	$24,000
MF 285, 82 HP	$8,500
MF 1085, 82 HP	$8,000
MF 275, 67 HP	$9,500
MF 165, 52 HP	$4,500
MF 40, With Loader	$4,700
MF 1030 2WD, 26 HP	$6,700
MF 1030 4WD, 26 HP	$8,000
MF 1035 2WD, 31 HP	$7,600
MF 1045 2WD, 35 HP	$8,650
Oliver 1655 With Loader	$7,500
Oliver 1550, 53 HP	$4,500
Oliver 55	$2,700
Oliver 77	$1,200
Oliver 70	$1,000
IH 664	$4,900
Farmall 806 With Cab	$6,900
Farmall 656 Gas	$2,700
Farmall 460 Gas	$2,500
Ford 3000 Gas	$3,100

USED COMBINES

Year	Model	Price
'85	860	$48,500
'84	860	$24,000
'84	860	$25,000
'82	860	$22,000
'81	860-4	$24,000
'81	540	$8,000
'80	750	$13,000
'79	750	$5,000
'79	750	$8,500
'79	760	$9,000
'78	750	$3,000
'78	540	$8,000
'77	760	$3,000
'77	760	$5,000
'77	760	$4,000
'76	510	$3,000
'76	510	$2,000
'75	760	$4,000
'74	750	$9,000
'73	750	$8,500
'73	750	$6,000
'67	410	$1,100
'66	510	$2,000

HAY EQUIPMENT

Vicon KM281 Disc Mower Conditioner	$2,900
NH 1495 SP Diesel Haybine	$7,900
NH 411 Discbine	$3,900
NH 411 Discbine	$4,500
Vicon CM 216 Disc Mower	$2,900
MF Forage Blower	$1,500
J Bar 3 Pt 4 Wheel Rake	$475
Brady 7 Ft. Flail Stalk Chopper	$2,500
Grimm Hay Tedder	$1,500
MF Demo 224 Hay Baler	$7,000
MF Demo 228 Baler with Thrower	$11,000
Brady 12 Ft. Flail Stalk Chopper	$2,900

PLOWS & TILLAGE

New 14 Ft. Cultipacker	$1,875
Yetter 15 Ft. Rotary Hoe	$2,400
5 Ft. 3 Pt. Rototiller	$1,500
New 12 Ft. Transport Disc	$2,500
MF 7 Tooth Coulter Chisel Plow	$4,200
MF 880 4-16 Auto Reset Plow	$1,500
Glenco 7 Tooth Soil Saver	$5,900

FEEDING & MANURE EQUIPMENT

Betterbilt 2100 Gal Vac Tank Spreader	$4,500
SFM 1100 Gal. Slinger Spreader	$4,900
SI-M 1700 Gal Slinger Spreader	$6,900
NI 321 Spreader	$700
Gehl 533 3300 Gal. Slurry Spreader	$6,900
Schwartz Feeder Wagon	$750
Oswalt - Butler TMR Transport Mixer	$1,500

MISC. EQUIPMENT

York 100 HP Scraper Blade	$1,275
York 75 HP Scraper Blade	$1,075
Meyer 8 Ft Front Tractor Mounted Blade	$1,250
Ber Vac 73" Snow Blower	$1,750
Dunham 30 Loader	$2,800
8 Ft x 24 Ft. Flat Bed Wagon	$980
New 14 Ft. Belt Elevator	$1,175
Danuser 3 Pt. Post Driver	$975

MASSEY-FERGUSON

M.M. WEAVER & SONS, INC.

Leola, PA 17540 Phone: (717) 656-2321

Located 4 miles West of New Holland on Rt 23 1¹ miles Northeast of Leola on the No Groffdale Rd , 1 mile on the right opposite Groffdale Mennonite Church

USED TRACTORS

Oliver 66 WF, 3 pt., very nice ... $2,500
Ford 8N ... $1,650
Oliver 550 gas, good rubber, needs steering work ... $2,000
Oliver 440, 3 Point ... $2,500
JD 620 3-Point ... $3,250
JD 530, Flat Top Fenders, 3PT. $3,500
JD Square WF For 2 Cyl. Tractors ... $1,000

Selling Parts Off Of The Following JD Tractors:
A, B, G, GM, H, 70, 620, 820, 430, 3010, 4010, 4020, **ALSO ENGINE PARTS:** 2030, 2840, 4430, etc.

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435 S. Race St.
Myerstown, PA 17067
717-866-7066

LEITER'S HARDWARE and IMPLEMENTS
103 South Carlisle St.
Greencastle, PA 17225
(717) 597-2151

Farmall 1066 C&A; 856 C&A; 684 WF; 674 WF; 574 WF; 424 WF; 235 w/ mower; JD 3020; 2630; 2240; 750 WF; AC 160 WF; D17 WF; 4 row potato planter; JD 400 grinder mixer; Shaver post driver; Kelly loader; IHC 2000 loader; Cab for Int. tractor; 5 to 12 ft. roto mower plow; disc harrows; elevator; wagon; post hole digger; IHC front & rear weights.

(717) 597-2151

USED TRACTORS

JD 4455, cab & air, power shift, MFWD
JD 4450, cab & air, MFWD
JD 4050, cab & air, quad range, like new
JD 4250, cab & air, power shift, 1,300 hrs.
JD 4840, cab & air w/duals
JD 4440, cab, air, power shift
JD 4440, quad range, cab & air
JD 4240, cab & air, quad range, 1982
JD 4230, cab & air, quad range
JD 4230 fender, quad range
JD 4430, cab & air, sharp
JD 4430
JD 4320
JD 4040, cab & air, quad range
JD 4030, 4 post
JD 4020 diesel
JD 4010 diesel
JD 2840
JD 2640, 1982
JD 2555, cab & air
JD 2355, like new
JD 2240 w/cab
JD 2240 w/loader
JD 3020 diesel
JD 1450 w/950 hrs.
JD 850 w/mower
IH 5088, cab & air
IH 3688 w/cab & air
IH 1486, cab & air
IH 1086 w/cab & air
IH 1066 w/cab
IH 986, cab & air
IH 966
IH 826 diesel, 3,500 hrs.
IH 806 diesel
IH 706 German diesel
IH 584, 4WD w/loader
IH 574 diesel
IH 684
IH 886, 4 post
IH 350 utility, 3,500 hrs.
Ford 2000
Ford 5000, diesel
Ford 6600, gas
MF 2745, cab & air, 1,400 hrs.
MF 690, cab & air, MFWD
AC 5040, diesel
AC 185 SOLD

New Ford 5610

INDUSTRIAL

NH 779 skid steer
Gehl 4510 skid steer
JD 310 TLB w/cab, excellent
Ford 455 loader w/3 pt. hitch & PTO
Ford 3400 loader
Case W14 articulating loader

NEW Case 1845C skid steer loader

USED PLOWS

White 6 btm. 16" spring reset plow
IH consertill 10'
JD 3 btm. roll over plow
JD 4 btm. roll over plow
JD 7 btm. on land hitch
JD 8 btm. 2800 varied width on land hitch plow
IH 710 8 btm. 18" spring reset, on land hitch
IH 710 7 btm. on land hitch
IH 720 4 btm. toggle trip
JD 2500 5 btm. 18" spring reset
JD 2500 6 btm. auto reset

USED COMBINES

244 JD corn heads
444 JD corn heads
443 corn heads
JD 215 flex head
JD 4400 diesel, 2,200 hrs., excellent
JD 6620, 1982, sharp

HAY EQUIPMENT

NH 478 haybine
NH 489 haybine, like new
JD 346 wire baler
JD 337 baler w/thrower, like new
NH 315 w/kicker, like new

MISCELLANEOUS

Fox Super D harvester
NI 2 row wide, 12 roll bed
JD 3RW harvester head, like new
IH 5100 grain drill
IH 22' flex head, like new
Kewanee hyd. fold 20' roller harrow, like new
1983 F350 Ford diesel roll-back w/Jerrdan body
18.4x38 Hub duals for Case IH 2096
IH 2350 quick-tach loader
Taylorway 25' disc
JD 110 disc
JD 115 disc
JD 310 disc
Kewanee 12' mulcher
JD 12' mulcher
Woods 15' Batwing mower

NEW NI 3626 spreader w/ tailgate

D & R EQUIPMENT INC.

Rt. 579, Ringoes, New Jersey
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All Management and Employees at G & D Repair Wish Everyone a Prosperous New Year.

A Rich Heritage A Solid Future WHITE

NEW TRACTORS

125 2WD
(2) 80 2WD fender
80 2WD SOLD Cab

PLANTERS

1 - NEW WFE 6100 4R corn planter
1 Used White 5100 4R Corn planter, liquid

USED TRACTORS

AC 6080, nice
Oliver 1600 diesel
White 31 4WD w/loader, excel. shape
JD 3020 power shift, gas
WFE 80 4WD, 252 hrs.
Oliver 66, nice

TILLAGE

New White 273 23' Disc
New White 445 Disc Chisel
New WFE 273 18' disc
New WFE 508 4x18 semi-mount plow
New WFE 6342 3 btm. roll-over plow
New Kewanee 1175 disc, 18' SPECIAL PRICE
Used Kewanee 775 disc, 14', new in Spring 1991
Used White 273 18' disc 1 year old
1 Used Brady field cultivator w/rake, 13'
Used Oliver 3x16 Trailer plow
Used Oliver 252 disc

HARVESTING EQUIPMENT

New Hay Tedders
New Bale Wagons

MISCELLANEOUS

1977 Ford 250, ¾ ton P/Up truck $795
(1) Complete Rebuilt JD 4219 Dsl. Eng.
New Material Buckets To Fit JD Loaders 145-146-148-158 48-58 in stock
1 Set of Pallet Forks
354 Perkins Engine Parts
16.9x34 new tires
(1) 12' 3 Pt. Power Rotary Hoe

White Farm Equipment
Cummins Engines B&C Series
White Outdoor Products

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Lancaster County's Only Factory Authorized White Farm Equipment Dealer!

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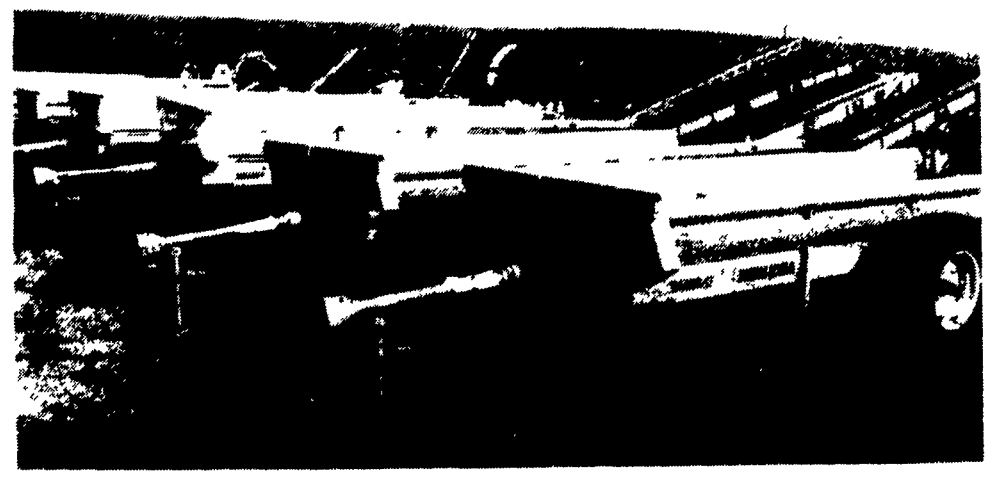
Kewanee
Tanaka
Safemark

TRUCKLOAD SPECIALS ON MANURE SPREADERS

NEW IDEA®
BY WHITE NEW IDEA



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ZIMMERMAN'S FARM SERVICE
½ Mile West Off Rt. 501 On School Rd., Bethel, Pa.
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Best Buys in Used Equipment

TRACTORS
Case 2294 w/Cab
IH 656 Gas w/2000 Ldr.
IH 656 Dsl.
IH 884 Dsl. Row Crop
IH 826 Dsl. Hydro
IH 3688 Dsl. w/Cab
Oliver 1755 Dsl.
Oliver 550 w/Ldr.
IH 966 Tractor
IH 986 Dsl. w/Cab
IH 1066 Dsl. Gear
IH 1086 Dsl. w/Cab
Ford 8N w/Sauder Loader

SKID LOADERS
Case 1737 Gas
New Holland L425 Gas
Case 1818 Gas
Case 1816B
Michigan Pay Loader

TILLAGE
IH 770 Offset Disc
Case IH 475 Disc 11'6"
IH 531 Plow 3x14
IH 470 Disc, 11'6"
IH 450 3x16 Plow
IH 720 6x18 Plow
IH 370 Disc, 10'
IH 700 5x16 Plow
Dunham Lehr Packer, 10'
Brillion 14' Packer, 4" Axle
Chattanooga Cultimulcher 22'
JD BW Disc, 14'
Athens 131, 9'6"

HARVESTING EQUIPMENT
IH 963 6RN Corn Head
IH 820 Flex Head 16½'
IH 810 Platform 15' w/Hart-Carter Flex Bar
IH 1440 Combine
IH 1460 Combine
IH 1480 Combine
NI 311 2RW Picker
Field Queen 4000 Forage Harvester

MATERIAL HANDLING
NI 3639 Manure Spreader
HB 2155 Manure Spreader
NI 352 Manure Spreader
NH 680 Manure Spreader
NI 245 Manure Spreader
Hardi 500 Gal. Sprayer
Martin V2400 Spreader
Badger 310 Tank Spreader
NH 36' Elevator
Farmhand 217 Manure Spreader w/LH Discharge
IH 1150 Grinder Mixer
NI 3626 Manure Spreader

UNI EQUIPMENT
704 Power Unit
717 Combine
727 Husking Bed
838 Husking Bed
768, 3R Corn Head

PLANTING & SEEDING
White 5400 Planter
IH 800 6RN Planter
IH 510 Grain Drill, 16x7
Case IH 5100 Grain Drill 24x6

HAY & FORAGE
Lely HL 14 Rake Tedder
Brady 1440 Shredder 12'
Gehl 99 Blower
Gehl FB85 Table Blower
Badger 950 Forage Wagon
NH 1495 Windrower, Self Propelled
Hesston 6550 Windrower, Self Propelled
IH 56 Blower
NH 25 Blower
IH 650 Forage Harvester
IH 1190 Mower Conditioner
IH 600 Blower
Dion 16' Forage Box w/Roof
OMC 235 Hydra-Swing Mower Conditioner
JD 640 Hay Rake
JD 1219 Mower Conditioner
Vicon KM321 Disc Mower Conditioner

CHAMBERSBURG FARM SERVICE, INC.
975 S. Main St. Chambersburg, PA
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case IH

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case PARTS VALUE OF THE MONTH

For Your Parts Needs

COMPARE OUR EVERYDAY LOW PRICES!

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9150 Case International 4WD Tractor
Glenco 9 Shank Soil Saver
Brillion 14 Shank, 3 Pt. Chisel Plow
DMI Tiger II, 7 Shank V Ripper
Agri-Pack Silage Bagger
500 Gal. Trailer Sprayer w/S.S. Tank, John Blue Pump, Foam Marker, 35' Hyd. Boom
NH #30 Silage Blower
International 620 Press Wheel Grain Drill
DEW Easy Round Bale Mover
Gathering Chains For Field Queen, 3R Harvester, New
717-275-1738
717-275-1343

TRACTORS
Oliver 1850 diesel, w/3 speed, good condition & rubber
MF 1080 diesel
MF 230 diesel, excellent condition
MF 180 diesel $3,700
MF 180 diesel, good condition
MF 35 gas tractor
Case 1830 skid loader, gas, complete engine overhaul

EQUIPMENT
IH 96 hay rake w/front wheel & hydro. drive
Bush Hog 7 tooth chisel plow, high clearance
MF 880 5x16 spring reset plow
14' JD cultipacker, late model
9' Brillion cultipacker
12' Brillion packer w/wheels
12' Dunham packer
Fox forage wagon 16' w/tandem axle gear
Gravity bin wagon and Large gravity bin
Glenco pull type field cultivator
IH 14' 3 pth cultivator
Used Brillion cultipacker parts

MF Tractor Parts Dismantling: 20, 30, 35, 40, 50, 65, 85, 90, 150, 165, 175, 178, 180, 1080, 1100, 1130, 1135, 1150 w/cab

NOLT'S EQUIPMENT
403 Centerville Rd., Newville, PA 17241
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No Out-Of-State Personal Checks

USED EQUIPMENT
White 2-155 w/cab, air cond., 2 remotes, 1137 hrs.
White 2-45 Single Remote, 2627 hrs., 45 HP

WHITE FARM EQUIPMENT

SHUEY'S SALES SERVICE
Jonestown Road
Ono, PA 17077-0129
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Best Buys in Used Equipment

TRACTORS
- Case SC Tractor
- Case 930 Tractor
- Case 430
- Case 1030
- Case 1070 w/Loader
- Case 1370 w/Cab
- IH 2500A Tractor w/Loader
- David Brown 990 w/Loader
- David Brown 990
- Int. 544, For Parts
- Int. 1066
- Int. 686
- Int. 1086
- Int. 3088
- Int. 3688
- Farmall 300
- Ford 4000 Tractor
- Ford 2000 w/Side Mounted Industrial Mower
- Ford 8N
- Hesston 60-66
- Case-IH 885
- Case IH 885 w/Cab

HAY EQUIPMENT
- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- NI 404 Rake
- Hesston 1014, Plus 2 Windrower
- Hesston 1090 Windrower
- Hesston 1091 Windrower
- Case 650 Windrower
- IH 46 Baler
- JD 336 Baler
- NI 456 Round Baler
- IH 27 Baler, For Parts
- IH 445 Square Baler
- NH 78 Baler
- NH 271 Baler
- NH 38 Chopper
- NH 1495 Self-Propelled Haybine
- NH 489 Haybine, $700
- NH 144 Hay Turner, Like New — Only 30 Acres!

HARVESTING EQUIPMENT
- Hesston 2000-150 Harvester
- Hesston 2000-100 Harvester
- Hesston 7020 Harvester
- NI 843 Cornhead
- NI 717 Combine
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 774N 4-Row Head
- NI 705 Uni-System
- (2) NI 709 Uni-System —Priced Reduced!
- NI 315 Sheller
- NI 324 Sheller
- NI 727 Husking Bed
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Cornpicker
- NI 325 12 Row Husking Bed
- IH 120 Forage Box
- Badger Forage Box, Only $1,200!
- JD 3800 Harvester

MISCELLANEOUS
- Zimmerman Manure Elevator
- NH 36 ft. Elevator
- Gehl 1540 Blower
- (2) Gehl 99 Blowers
- IH 56 Blower
- Int. 600 Blower
- NI Blower
- Automatic Roller Mill
- NI 218 Spreader
- NI 224 Spreader
- NI 245 Spreader
- HM 1666 Spreader
- HM 1674 Spreader
- Gehl 350 Spreader
- Gehl 250 Spreader
- 500 Gal. Century Sprayer
- Weaverline Cart, 30 Bushel
- Tye No-Till Drill
- JD FB-B 17 DD Drill
- JD 8300 Drill— Soybean Special!

- Int. 2-Bot. Trailer Plow
- Ford 5-Bottom Plow
- Int. 6500 11-Tooth Soil Saver
- (2) Int. 475, 17½ Ft. Disk
- IH 370 Disk Harrow, 13 Ft.
- Case 16" Reset Plow, 6 Bottom
- Case IH 720 4-Bottom Plow
- IH 710 4-Bottom Plow
- JD 210 Disk
- Oliver 16" Rollover Plow
- Used Cultipacker
- Bush Hog 15 Ft. Disk

LOADERS
- Case 450 Dozer
- Case 530 Backhoe
- Case 1835B Gas Uni-Loader
- Case 1737
- Case 1830
- Case 1835B Diesel
- Case 1835C
- Case 1845 Diesel
- Case 580D Loader Backhoe- Like New!
- NH 555 Skid Loader

Excellent Used Equipment — Selling On Consignment — Call For Prices!

NI 802 Unisystem Tractor w/717 Uni Combine & 844 Wide Cornhead
Hesston 4600T Baler w/4600BT Thrower
NI 406 Hyd. Drive Hay Rake
Farmhand 817 Feed Grinder
NI 106 Spin Spreader
Case 1816C Skid Loader w/Bucket And Fork

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HOURS MON-FRI 8-5 SAT 8-12
301-879-5090
Material Handling Equipment

Patz

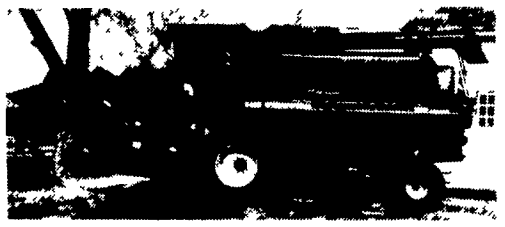
JOHN DEERE

TRACTORS
JD 4450 Tractor, 2WD, w/ Cab, Power Shift, Exc. Cond.
JD 4250 Tractor w/Cab, MFWD, Power Shift, 2100 Hrs.
JD 4240 PS Tractor w/Cab
JD 4010 Tractor w/WF
JD 2640 Tractor w/Ldr.
JD 850 Tractor MFWD w/ Loader & Backhoe, Only 365 Hours
JD 4030 Tractor w/2 Post Roll Guard & Canopy
JD 3010 Dsl., Tricycle Tractor
JD 3020 Gas, WFE
JD 4430 Tractor, Power Shift w/Cab
JD 3020 Gas Tractor w/WF & Loader

HAY EQUIPMENT
JD 1209 Mower Conditioner
JD 1209 Mower Cond. w/ Kwik-Cut Knife
JD 346 Baler
NH 489, Used One Season, Excellent
NI 279 Cutditioner, 540 PTO
NH 411 Discbine, Rolls Good, Hyd. Tongue Pos., Hyd. Header Tilt
NH 268 Baler w/Ejector
NH 890 Forage Harvester w/5½ Pickup & 2 Row Wide
NH 717 w/Low Profile 1 Row Corn Head 5' Hay Pickup & Direct Cut Hay Head
NH 489 Mower Conditioner, Good Cond.
Vicon KM 321 Disc Mower Conditioner

PLANTERS
Used JD 8250 Grain Drill
AC 333 4 Row, Air Champ., Dry Fertilizer
AC 600 4 Row, Plate Planter, Dry Fertilizer, Fair Shape
JD 7000 6R Consv. Planter
JD 1440 Corn Planter w/Liq. Fert.
JD 54 Manure Spreader, Good Cond.
Krause No-Till Drill, 13'
Tye No-Till Drill w/15 Disc & Weight Drums
JD 315 Disc, Like New

COMBINES
JD 6600 Side Hill Combine, Reconditioned
JD 7700 Combine w/Straw Chopper, Field Ready
JD 3300, Gas Combine w/10' Platform
(2) JD 215 Rigid Platforms



1990 CIH 1660 321 hrs. 24.5x32, 18.4x16.1 AC AHHC grain loss monitor specialty rotor extra sieve & concave for small grain, rock retarder drum, feeder reverser, side hill divider, grain bin extensions, AM-FM radio, deluxe air oil ride seat, this machine is like new and will be completely serviced, ready to go to field by C.B. Hoobers. 820 15 ft. Flex head for small grain 963 6 row 30" corn head with vine knives, all above was kept in shed.

Call (717) 867-2401
Lebanon Co.
If no answer, leave message
Deposit will hold machine till small grain season.

JOHN DEERE

Clugston Ag & Turf, Inc.
Chambersburg, Pa.

DEMO SPECIAL
2955 MFWD w/265 Loader
Call Today!

JOHN DEERE

New Tractors
4055 PS & SG
4455 MFWD, PS, SG

Compact Utility Tractors (New)
670
870
670 MFWD
755 MFWD
955 MFWD

Spreaders
JD 370
JD 450
JD 550
JD 780
JD 874
JD 876

Tillage
JD 635 Disc
JD 960 Field Cultivator
JD 714 Mulch Tiller

Loaders & Blades
JD 245
JD 175
JD 146
JD 95 Blade
JD 65 Blade

Planters
JD 7200 4RN
JD 7200 6RN

Drills
450 10'
750 No-Till

Balers
JD 328
JD 348
JD 375
JD 435
JD 530

Mower Conditioners
JD 1360
JD 1219
JD 1600, 12' & 14'

Forage
JD 3950 Harvester
JD 3970 Harvester
JD 3 Meter Hay Pickup

Rotary Cutters
JD 1008
JD 616
JD 717
JD 503

BOBCAT
NEW
642 B
753
743 B

Misc. New
Easy Trail Wagons Model 1074, 1274
Miller 4100 Forage Boxes
Farm Aid Mixer Wagons
Dion Forage Boxes
Dion Hay Inverter
Dion Forage Blower
Horst Wagon Gears
Kverneland Plows
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JD 24T w/#2 Ejector
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Bobcat 743
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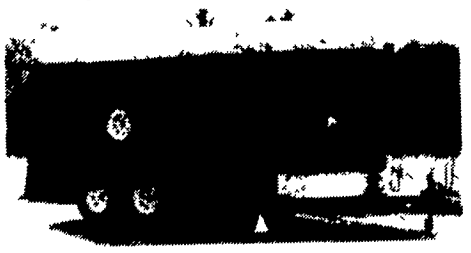

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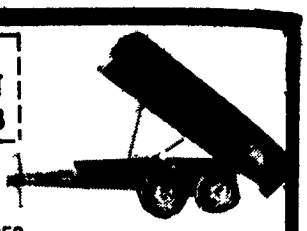

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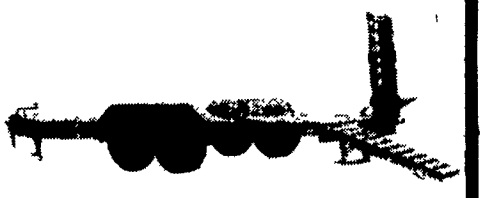

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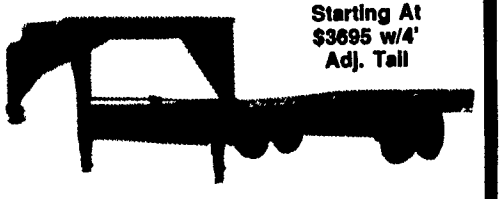

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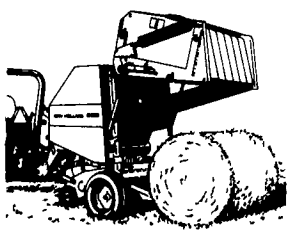

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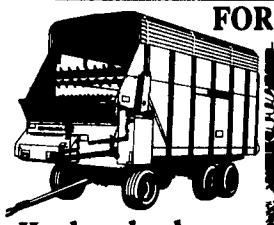

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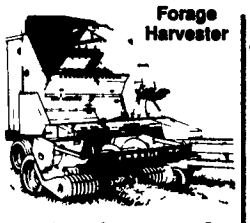

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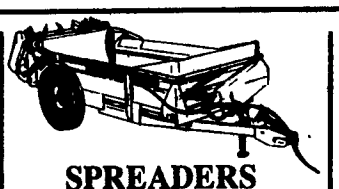
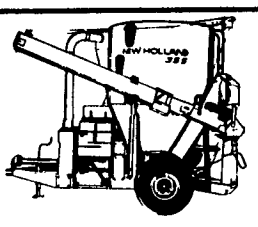


SPREADERS



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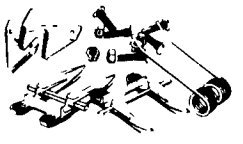

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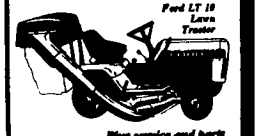

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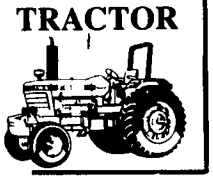
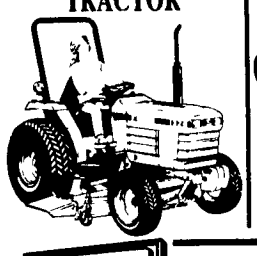


COMPACT DIESEL TRACTOR



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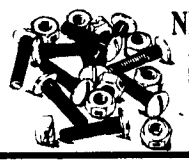

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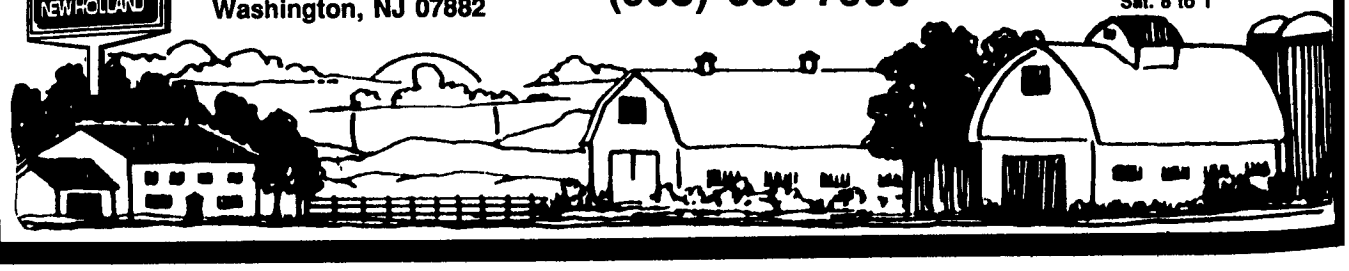

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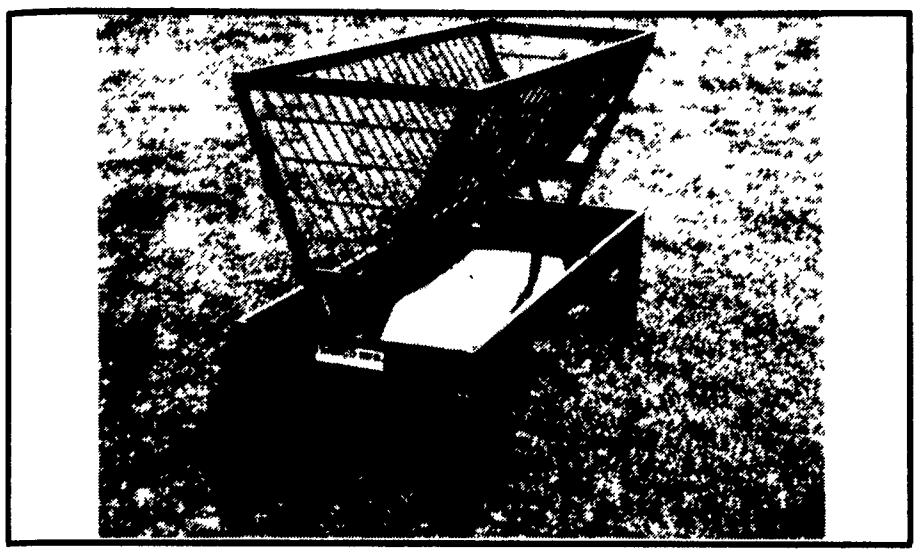
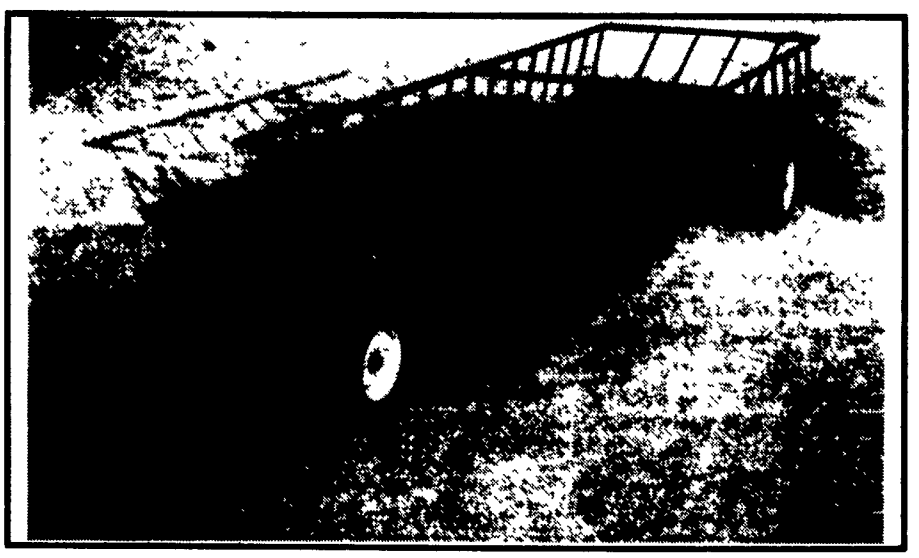
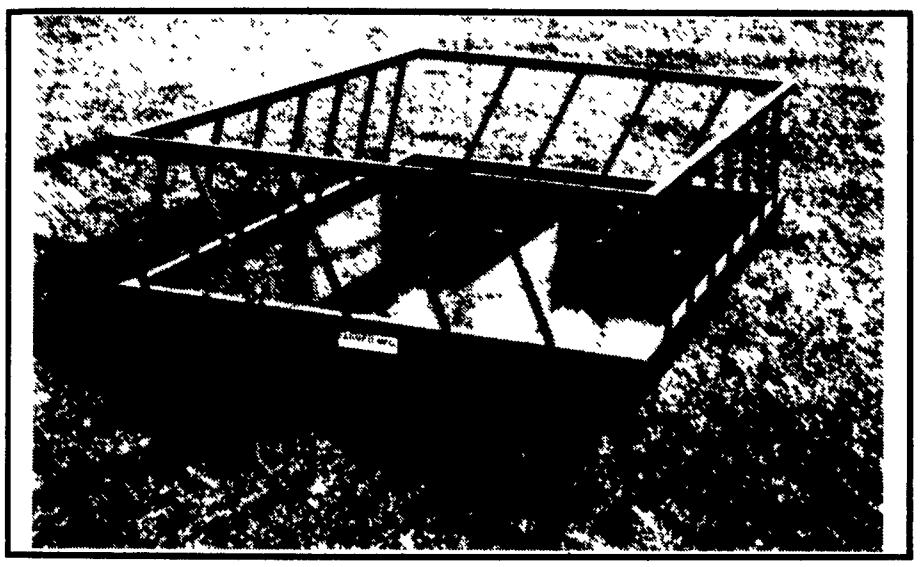


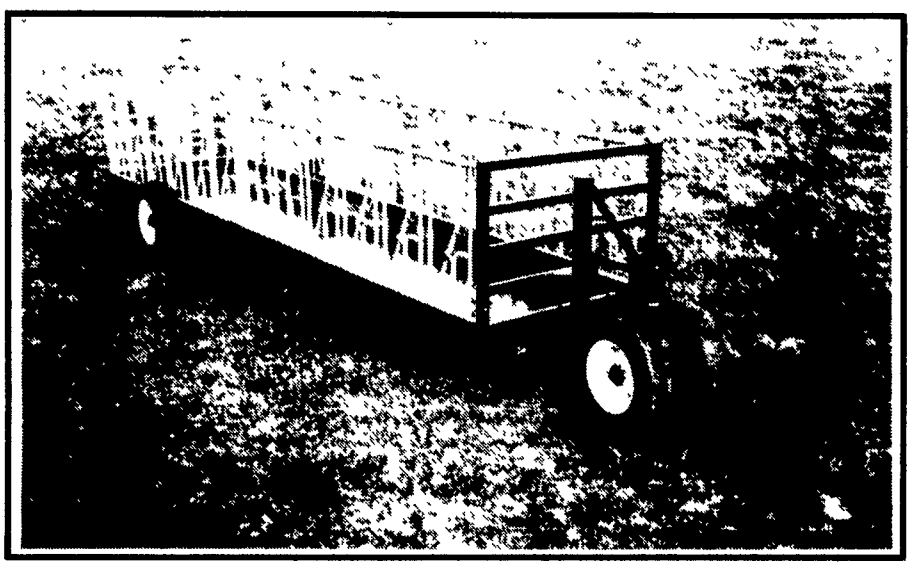
MODEL 832



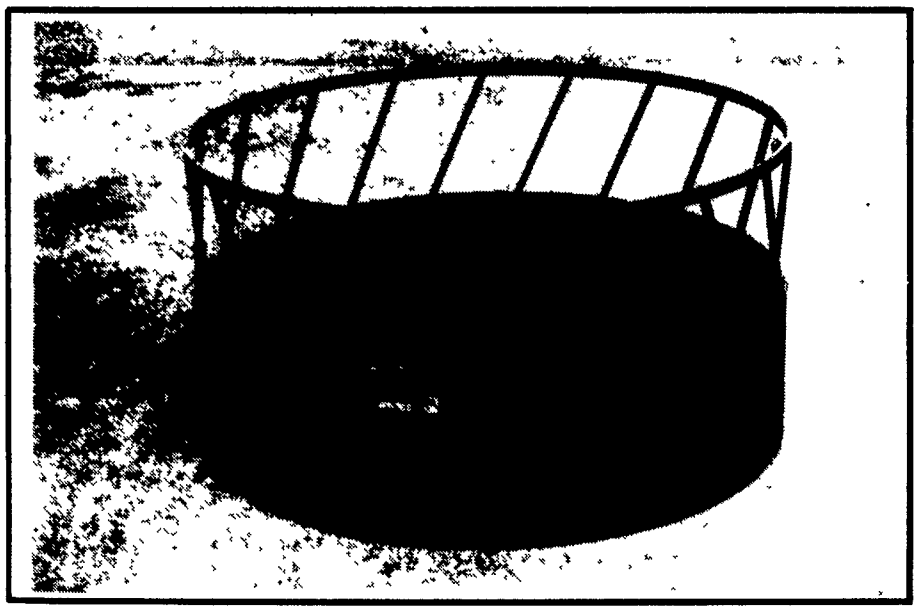
MODEL 720



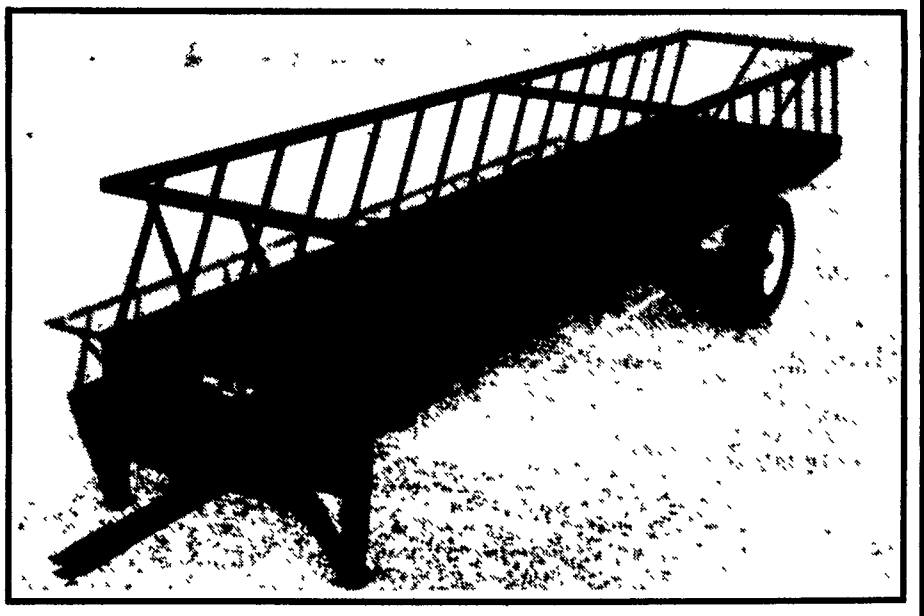
MODEL 710



MODEL 520



MODEL 750



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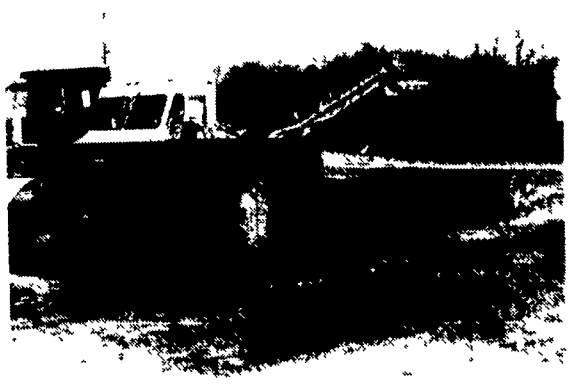

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$3,500

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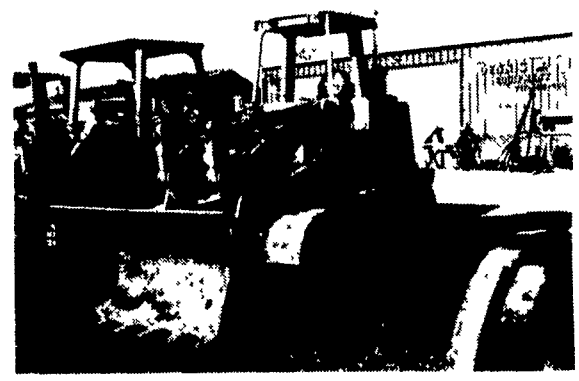

Benati 7.16 Crawler Loader, 2 Yd. Loader Bucket, Perkins Diesel, Good Condition.
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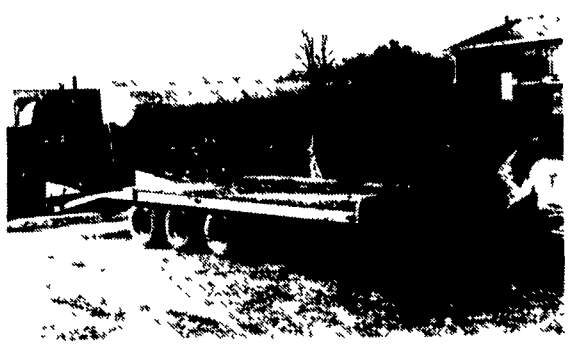

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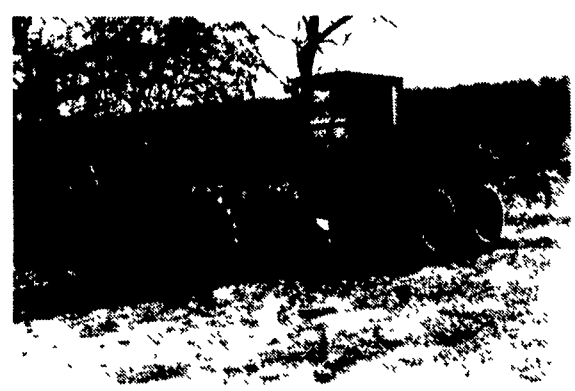

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Flo-Eze wagon
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1981 JD 555 w/Backhoe ROPS Regular Bucket.. $18,000
1976 JD 350C Dozer..... $15,000
1985 JD 450E Wide Track Dozer..... $30,000
1980 JD450-C Dozer, new bottom..... $22,000
1984 JD450-D Dozer..... $25,000
1985 JD450-E Dozer..... $29,000
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1988 JD 650G, 1000 hours..... $46,000
1988 JD 400G Dozer, 930 Hrs..... $24,000

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Toyota SDK7 w/Backhoe attachment, 635 hours.. $16,500
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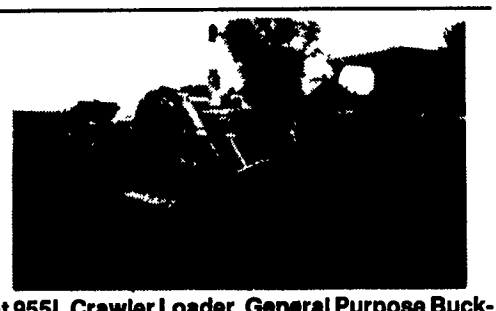

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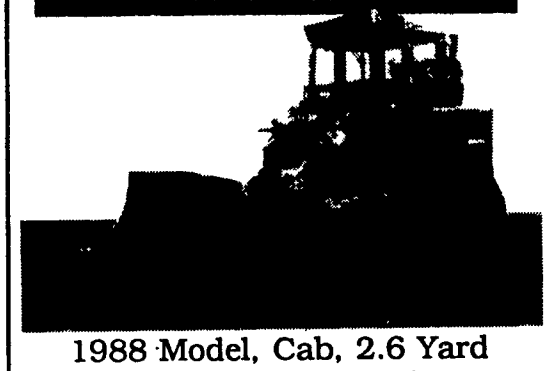

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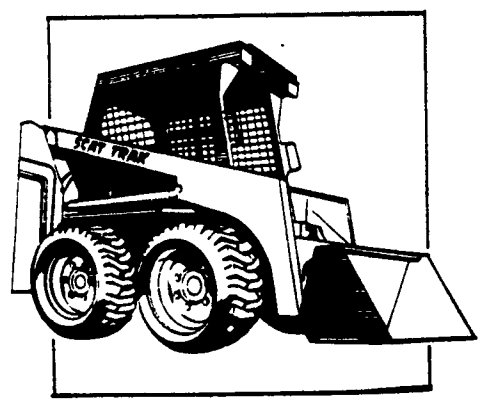

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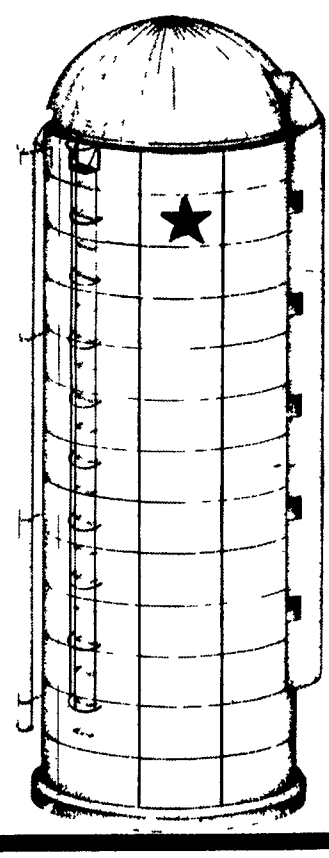

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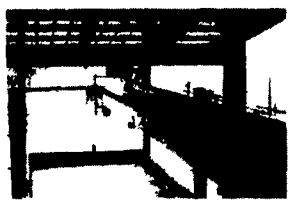

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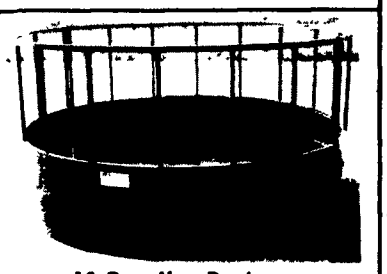

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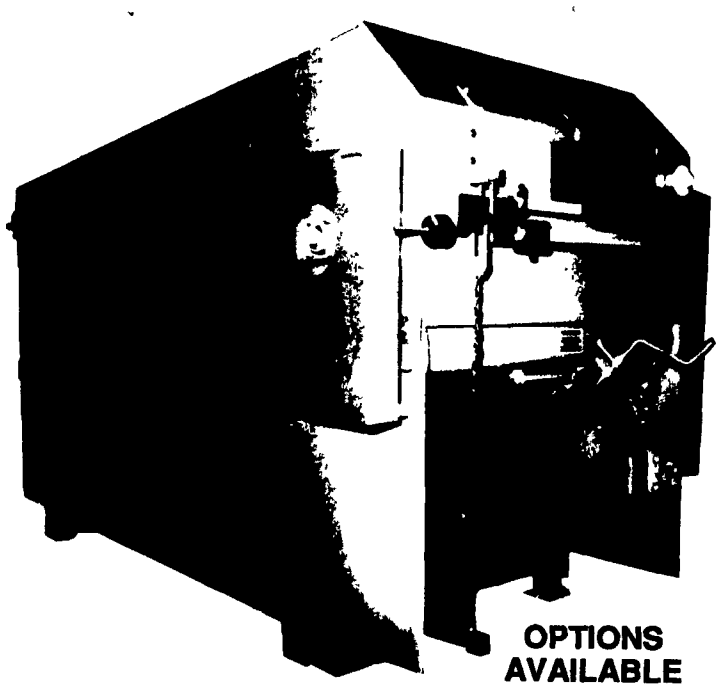

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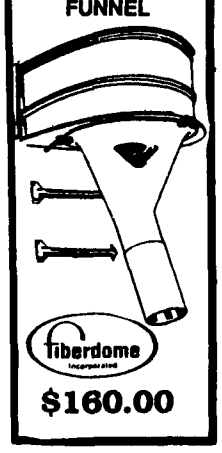
- Beam Scale with Signal Light
- Motors Included with Price
- Fast 2-5 Minute Mix Time
- Stainless Steel Floor
- Heavy Stainless Steel Auger Trough
- Lower Energy Consumption
- Discharge Chute with Magnet
- Wall Mount Beam Scales with Cable & Pulleys
- 90° Crank on Discharge Door
- Motorized Discharge Door
- Beam Scales Mounted On Either Side
- Electronic 110 Volt Beeper
- Electronic Scales with or without Memory
- Truck or Trailer Mount with Side Discharge

FIBERGLASS FUNNEL



$160.00

SPECIALS

12 Ft. Pump..... $4,700
10 Ft. Pump..... $4,500

Check Our Prices On Barn Cleaner Chain Hook & Eye and Box Link

Full Line Parts Department For Starline

STARLINE

DONALD R. NISSLEY
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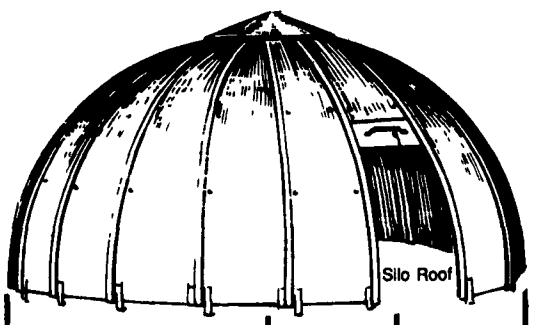
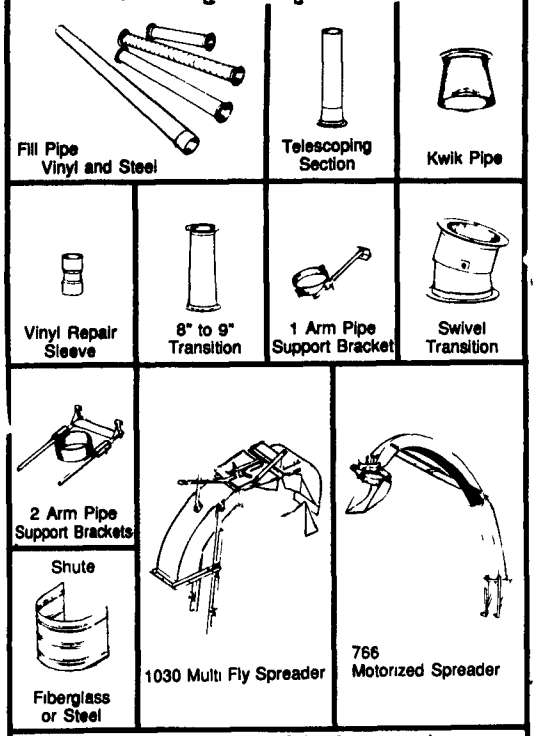
(Corner of Rt. 272 S. & Byerland Church Rd.)
(717) 786-7654





Winter Specials For Silo Accessories.
Most Any Type Stave Silo Work.

S & S Silo Repair
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(215) 273-3993
Main Office (717) 295-5460 Leave Message Or Call Bet. 8 & 9 PM

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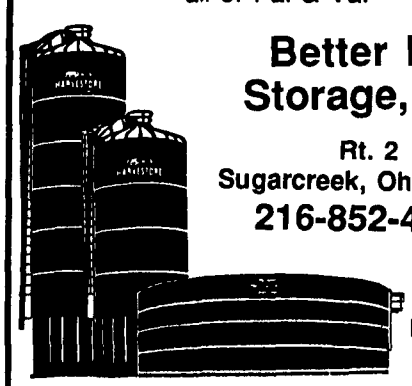
Pre-Owned Harvestores® & Slurrystores® in stock ready to go for 1992 Season. All structures are guaranteed & rebuilt with new rebuild kits. Plan now and **SAVE!**

REXNORD CHAINS
$725.00 - Goliath 20'

Any replacement parts for Goliath or Hercules Will ship parts UPS
Rebuilt Goliath & Hercules Unloaders -Guaranteed.
1-Spartan unloader-excellent
NEW GOLIATH II unloaders 20' or 25'

CALL US FOR ALL YOUR HARVESTORE® NEEDS.
We are committed to serve all of Pa. & Va.



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Not associated with A.O. Smith Harvestore Products, Inc.

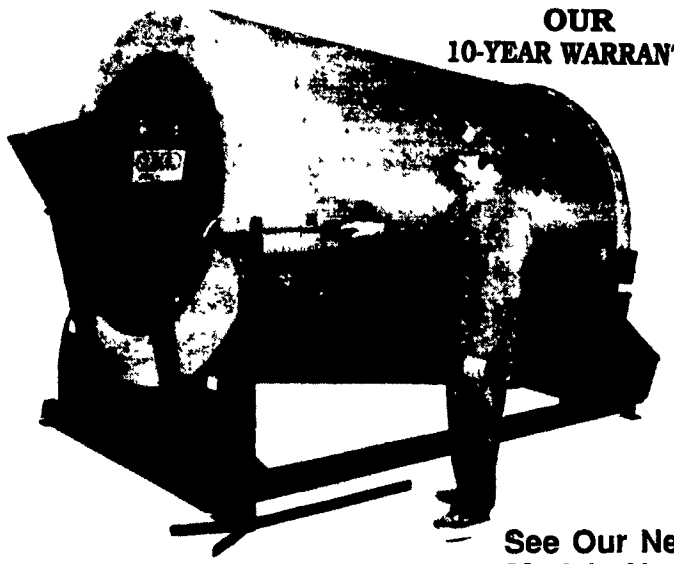
See How You Get More For Your

$ $ $

FARMASTER NEW HOLLAND PA

TMR MIXERS

ASK ABOUT OUR 10-YEAR WARRANTY!



See Our New Models Now!

Money Saving Features

★ epoxy coated auger
★ hardware magnet
★ 12" auger with 3/8" flighting
★ lowest h.p. requirements
★ more mix capacity
★ 10 sizes

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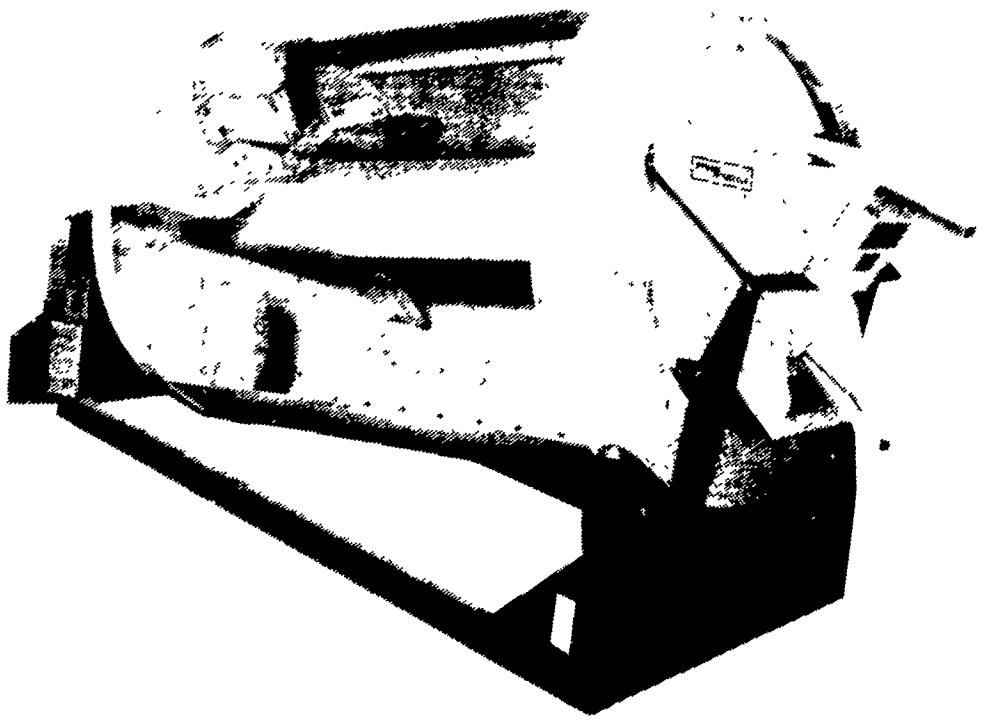
FARMASTER

Leading The Way With TMR MIXERS



See Us At The PA Farm Show Booth 422

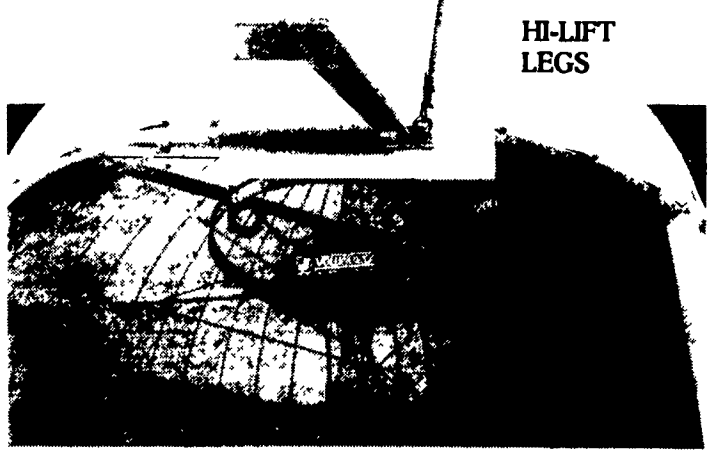
FARMASTER

New Holland, PA
1-800-292-9649
for Sales, Service, Parts & Dealer Inquiries

VOLUMAXX

GIVES YOU A CHOICE OF DISTRIBUTION

HI-LIFT LEGS



The new advance design Volumaxx unloader gives you the best of both worlds... your choice of distribution. New *HI-LIFT* legs let you raise the unloader an extra 15" into the silo roof, so you can use a conventional side distributor. Or, choose the Jamesway Powermaxx™ broad pan silage distributor. With proper distribution, you'll have better quality feed, and you'll increase your silo's capacity up to 35%. And we can prove it!

JAMESWAY

Volumaxx™ unloader. Expect the best from the leader.

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"This Is The Kind Of Silo You Need To Store Your Valuable Forages."

CONSIDER THE MANY ADVANTAGES OF POURED CONCRETE!

PLAN NOW FOR YOUR STORAGE NEEDS FOR 1992.

WE HAVE THE STRUCTURE YOU NEED FOR SILAGE STORAGE - HAY OR WILTED GRASS STORAGE - HIGH MOISTURE GRAIN STORAGE - LIQUID OR DRY MANURE STORAGE - OR ALMOST ANY MATERIAL NEEDING STORAGE.

WHEN PLANNING YOUR FORAGE PROGRAMS REMEMBER THAT YOUR MAIN OBJECTIVE IS TO "STORE THE PLANT AND REMOVE IT FROM STORAGE IN AS GOOD CONDITION AS POSSIBLE." THE UPRIGHT SILO HAS NEVE BEEN EQUALLED IN ITS ABILITY TO DO THIS!!

NO USED SILOS!
NO REBUILT SILOS!
NO PREOWNED SILOS!!!
YOUR BEST CHOICE FOR STORING YOUR VALUABLE FEEDS IS A POURED CONCRETE SILO FROM SOLLENBERGER SILOS CORP.

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Member...International Silo Assn.

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Office Number - 717-264-9588

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For Bunker Silos & Manure Systems
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Sollenberger Silos Corp.
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Address_____
City/State_____
Zip_____ Phone_____
Best Time To Call_____
County_____

Please send information on:
❑ 1. Bottom Unloading Concrete Silos
❑ 2. Top Unloading Concrete Silos
❑ 3. Precast Bunker Silos
❑ 4. Manure Pits
❑ 5. Feed Bunks
❑ 6. Cattleguards
❑ 7. Industrial Silos/ Tanks

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FICKES SILO COMPANY, INC.

NEWVILLE PENNA 17241

JAN. 11-16
Booth #'s 18-20

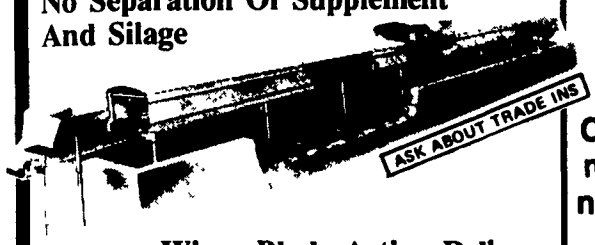
PHONE: (717) 776-3129

Silo-Matic BELT FEEDER

The Break-Thru To Fast, QUIET Uniform Cattle Feeding.

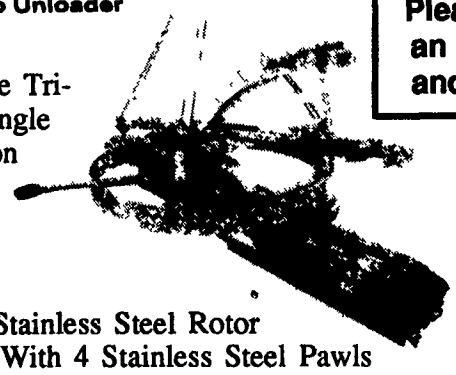
Split Lot, 2, 4 Or More

One Side, Two Sides
Low Power Requirements
No Separation Of Supplement And Silage



Wiper Blade Action Delivers Feed In An Instant! *No Crowding!*

Silo-Matic Silo-Matic's GEMINI R/D Silo Unloader



- Adjustable Tri-Mount Single Suspension Ring Drive
- 26-Inch Stainless Steel Rotor Housing With 4 Stainless Steel Pawls
- Front And Rear Augers Are Different Sizes, Each Operates At A Different Speed For Excellent Performance.
- Superior Torque Arm With Rollers
- New Clean Design With Flow-Through Safety Grids.
- Fiberglass Gooseneck With Stainless Steel Liner

THE UNLOADER OF THE FUTURE

SEE THE NEW PRODUCTS ON DISPLAY AT THE SHOW

- NOTICE - ALL SILO OWNERS

Check your silo now for possible needed maintenance. If you have been using your silo for 10 years or longer for corn or haylage, it might be time to GUNITE.

Please call for an inspection and estimate.

Today.. Tomorrow Silo-Matic

T.M.R. Mixer

"Total Mixed Ration" with Tumble Mix Rotation

- LOW MAINTENANCE
- FOUR DIFFERENT SIZES
- LOW POWER REQUIREMENTS
- STAINLESS STEEL OR FIBERGLASS BARREL
- BEAM SCALE SYSTEM
- ELECTRONIC SCALE OPTIONAL

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Dependable-Reliable
Systems That Assure Continuous Service Day After Day
FICKES SILAGEMASTER

Silo construction is not only an engineering science, it is also an art. Fickes Silos exemplify these principles, with their fine stave design and strength... durability... and manufacturer's care in building.

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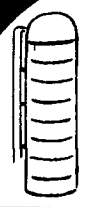
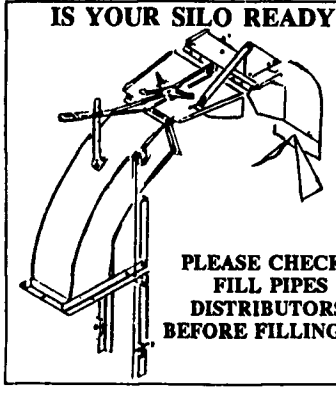
S & S SILO SERVICE



ATTENTION FARMERS
Strengthen And Reseal Your Silo With Shotcrete
STRONGER AND WILL OUT LAST PLASTER

IS YOUR SILO READY TO BE FILLED WITH GRASS SILAGE?



PLEASE CHECK YOUR FILL PIPES AND DISTRIBUTORS NOW BEFORE FILLING SEASON

S&S Silo Service prepares the silo surface by using a 3,000 lb. pressure washer, thus making the silo moist, making a much better surface to bond shotcrete. After shotcreting, S&S always takes away any roughness by applying a steel trowel finish.

The excellent bonding of shotcrete to the silo will keep out moisture and prevent mold from growing on the side of the silo.

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WE AT LAPP'S BARN EQUIPMENT ARE A SERVICE-ORIENTED COMPANY!!

★ SPECIAL OF THE WEEK ★

N-TECH

10' ELECTRIC PUMP
(UE 1005)

USED EQUIPMENT (Rebuilt)

- (UE 1002) 180 Oswalt Trailer Mixer
- (UE 1003) Demo 230 Oswalt Trailer Mixer
- (UE 1004) N-Tech 12' PTO Pump With Hydraulic Controls
- (UE 1006) Side Mount Manure Pump
- UE (1012) Dynavent Mulcher
- (UE 1022) 180 Oswalt Mixer
- (UE 1025) 3300 N-Tech Tanker-Rental
- (UE 1026) Grain-Brain 40 Cow Feeding System
- UE (1027) 210 Van Dale Trailer Mixer, Excellent Cond.

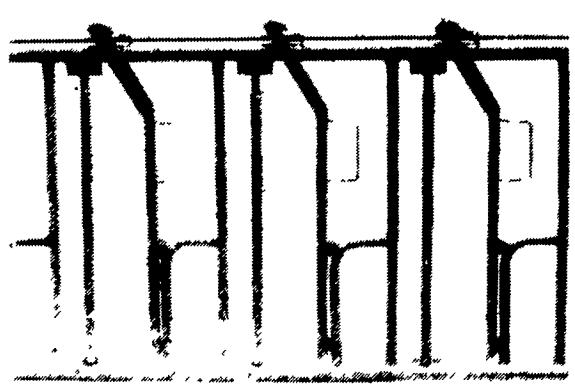
★ FEATURE OF THE WEEK ★

Paul B. Zimmerman INC. HEADLOCKS

Coated With Baked On Polyester Urethane Powder

THREE SIZES AVAILABLE TO MEET ALL YOUR CATTLE HANDLING NEEDS

EXTRA HEAVY CONSTRUCTION



FEATURES

- * 1.9" O.D. High Yield Tube Top & Bottom Frame
- * 1" structural pipe on verticals & locks
- * All yokes lock on individual catches, no strain on control rod
- * Yoke stabilizer on large sizes
- * Unique design allows more head room
- * Neck bar can be removed or adjusted without tools
- * Individual lock on each yoke for holding one or more animals
- * No loose pins or parts to get lost in manure or drop in pit

LAPP'S BARN EQUIPMENT

5935 OLD PHILADELPHIA PIKE, GAP, PA 17527
PHONE: 717-442-8134
WE SERVICE WHAT WE SELL
— Radio Dispatched Trucks —

UPS

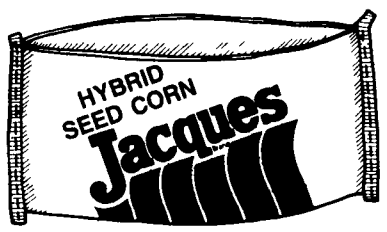
Jacques SEED COMPANY®

"Doing what works for you."

9220

Stays healthy all season.

A tall, full-season hybrid bred for grain production that also makes an ideal silage hybrid. Resistant to MDMV.



9220:

161.3 Bushel/Acre

#1 In 1991 COMBINED PENN STATE COMMERCIAL NEW ENTRIES

BRAND-HYBRID	PERCENT-OF- CHECKS H_2O	YIELD	ERECT	%H_2O GRAIN	BU/A GRAIN	% ERECT	HEIGHT (IN) PLANT	EAR	GLS RATING
Jacques 9220	102.4	118.1	100.3	21.7	161.3	98.8	93.0	45.1	1.3

BERKS COUNTY

Teen Challenge Farm

Rehrersburg, PA

GRAIN:

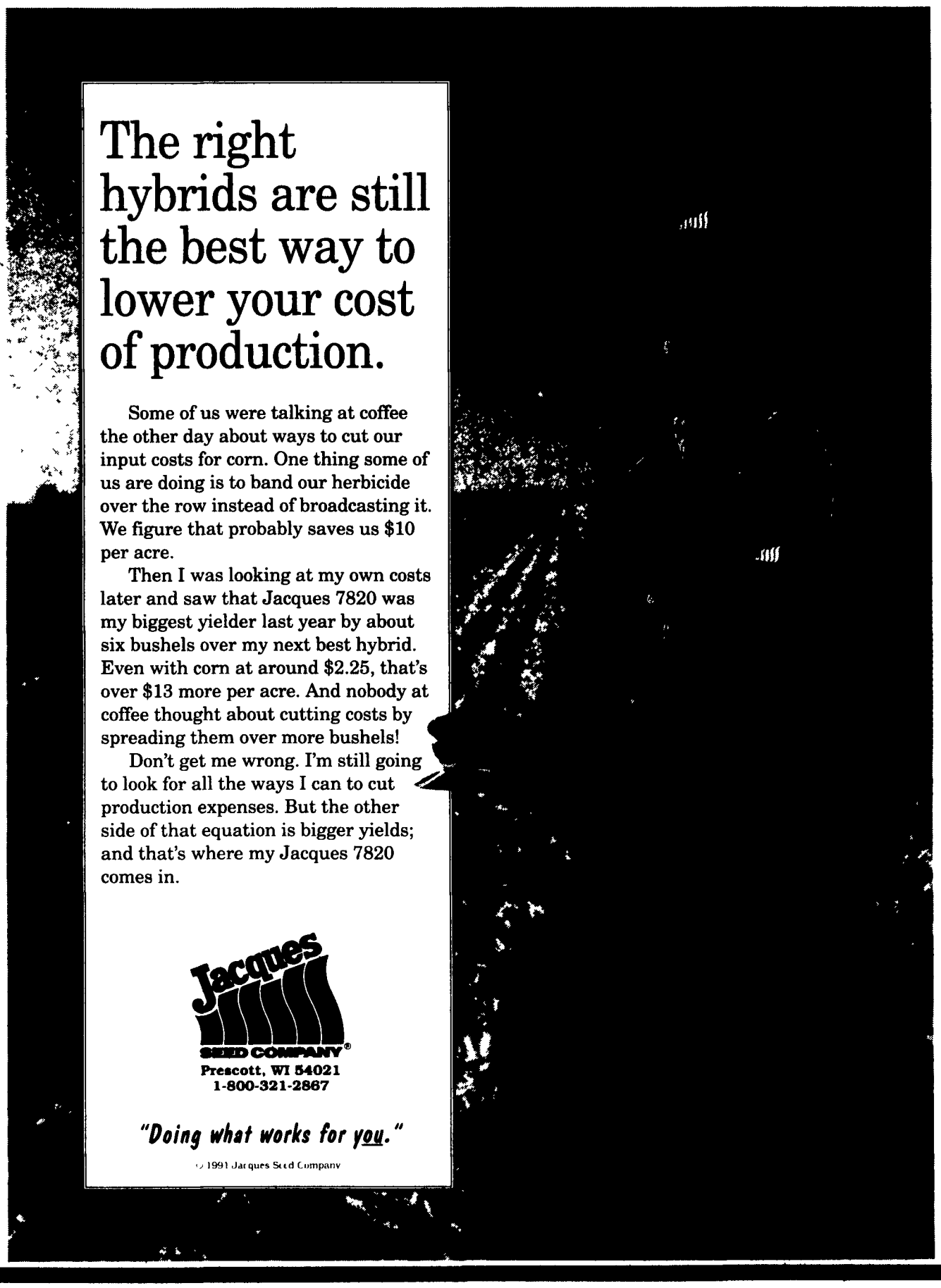
Planted: May 14, 1991 in 30 inch rows
Soil type: Loam
Fertilizer: 25 ton cow manure plowdown, 7 gallons 9-18-9 starter, 60 liquid N sidedressed
Insecticide: .5 pint Lorsban
Weed Control: 1 5 quarts Prowl and 1 quart Atrazine post emerge
Previous Crop: Corn
Harvested: October 8, 1991 with a JD 4400

Brand	Variety	Plants Per Acre	% Lodg	Test Wt.	% Mst.	Bu/Acre @15 5%
Jacques	7710	21,200	1.7	53	23.5	105 4
DeKalb	DK622	18,800	1.8	51	24.6	114.3
Pioneer	3343	22,300	3 1	55	25 0	116 8
Jacques	7820	20,500	3 4	57	23.0	97.7
Jacques	7910	21,600	6 4	56	25 4	108 7
Jacques	8210	17,400	2 0	55	26 2	113 4
Pioneer	3140	20,900	1 6	55	28 0	114 3
Doebler	86XA	23,300	6 0	53	29 2	125 1
Jacques	9220	20,200	1 7	56	26 0	127.4

SILAGE:

Planted: May 23, 1991 in 30 inch rows
Soil type: Loam
Fertilizer: 25 ton cow manure plowdown, 7 gallons 9-18-9 starter, 60 lbs. actual N sidedressed dribbled on
Insecticide: .5 pint Lorsban
Weed Control: 1.5 quart Atrazine and 1 5 quart Prowl post emerge
Harvested: September 20, 1991 with a Hesston Chopper
Comments: Listed by planting order.

Brand	Hybrid	Population (1,000)	% Mst.	Tons/Ac. @ 70%	AVL. PRO.	% ADF	% NDF	NEL
Jacques	8400	20,880	56 8	17.7	8.1	21.8	46 8	.77
Jacques	EXP.1105	17,758	54.7	17.6	7.2	26.2	52.7	72
Jacques	9220	20,532	55 7	21.3	6.8	25.5	50 9	.73
Jacques	9810	21,576	57.1	20.6	7.4	21.1	45.9	.78
Pioneer	3140	20,184	60.7	20.5	7.6	24.1	48 9	.75
	Average-	*20,186*	*57.0*	*19.5*	*7.4*	*23.7*	*49.0*	*.75*



The right hybrids are still the best way to lower your cost of production.

Some of us were talking at coffee the other day about ways to cut our input costs for corn. One thing some of us are doing is to band our herbicide over the row instead of broadcasting it. We figure that probably saves us $10 per acre.

Then I was looking at my own costs later and saw that Jacques 7820 was my biggest yielder last year by about six bushels over my next best hybrid. Even with corn at around $2.25, that's over $13 more per acre. And nobody at coffee thought about cutting costs by spreading them over more bushels!

Don't get me wrong. I'm still going to look for all the ways I can to cut production expenses. But the other side of that equation is bigger yields; and that's where my Jacques 7820 comes in.

Jacques SEED COMPANY®
Prescott, WI 54021
1-800-321-2867

"Doing what works for you."

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Family Store

"Take Quality Home"

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¼ Mile West of Meadowbrook Farmers Market, Rt. 23, Leola
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If an advertised item is not available for purchase due to any unforseen reason, Johanning's will issue a rain check for the merchandise to be purchased at the sale price whenever available. We reserve the right to correct printing errors and to limit quantities.

7TH ANNUAL PA. FARM SHOW SPECIAL SALE

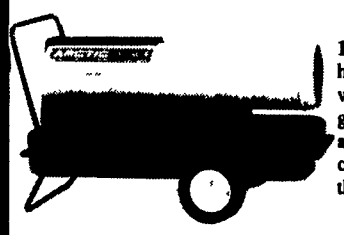
Now Thru January 18, 1992

HOURS: Mon.-Fri. 9 AM - 9 PM; Sat. 8 AM - 5 PM

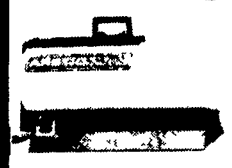
VISA MasterCard

ARCTIC FLAME™ HEATERS

By LAWN BOY



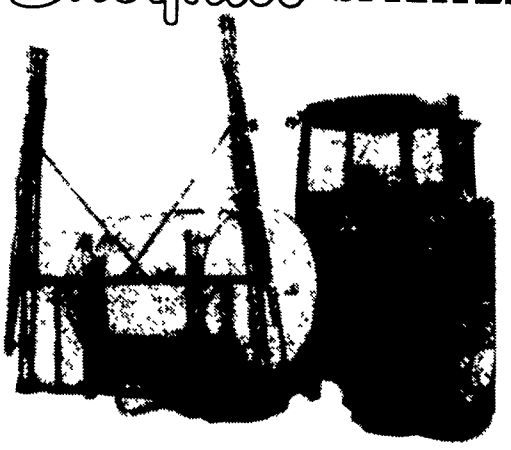
150,000 BTU's - Instant, easily portable forced air heat. Comfort at your fingertips. Simply fill tank with kerosene or #1 fuel oil and plug into any 115V grounded outlet where adequate ventilation is available. Runs 15 hours on one filling. Automatic shut-off control standard. ARL Listed. Optional UL Listed thermostat available.

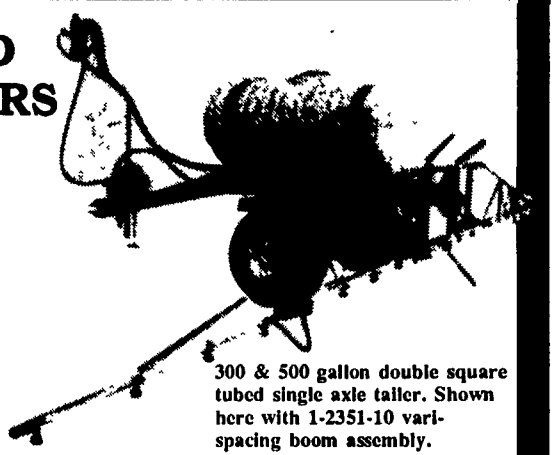


150,000 BTU LP Heater - This liquid propane fueled heater is ruggedly built for larger spaces such as warehouses, barns, factories and construction sites. Comes complete with built-in thermostat and fuel hose, with inline regulator. A.G.A. Certified.

	Reg.	SALE
150,000 BTU	$359.95	**$299.00**
150,000 BTU, LP Gas	$319.00	**$299.00**

Broyhill FIELD SPRAYERS





300 & 500 gallon double square tubed single axle taller. Shown here with 1-2351-10 vari-spacing boom assembly.

73485 110 Gallon 3 Pt. 2/8 Row Boom
Reg. $799 **EARLY ORDER $699**

73493 200 Gallon 3 Pt. w/8 Row Boom
Reg. $949 **EARLY ORDER $849**

75386 200 Gallon Trailer Sprayer w/8 Row Boom
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73500 300 Gallon Trailer Sprayer w/Elliptic In-Line Tank & Heavy 8 Row Boom
Reg. $1899 **EARLY ORDER $1749**

73520 500 Gallon Trailer Sprayer w/Elliptic Tank & Heavy 10 Row Shock Boom
Reg. $2499 **EARLY ORDER $2299**

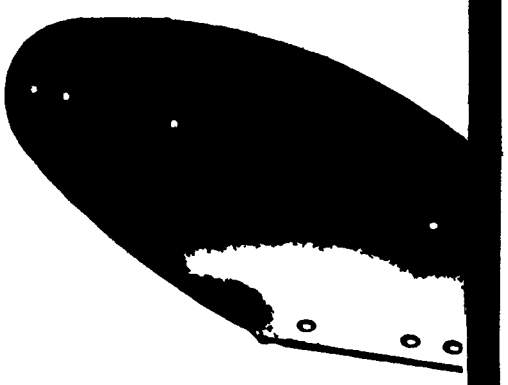
* All sprayers priced less pump, tires and unassembled.

WIESE DISC BLADES

Dia.	Ga.	SKU's	Reg.	SALE
16"	11	71167, 71169, 73806	$7.49	**$6.99**
18"	9	71168	$10.99	**$9.99**
20"	7	71172, 71174	$15.99	**$13.99**
22"	7	70973	$19.49	**$17.99**
20"	9	70972	$13.49	**$11.99**
24"	¼"	71176	$33.95	**$31.99**

WIESE MOLDBOARDS

Description	Reg.	SALE
70901 JD 104 8NU	$64.99	**$58.99**
70902 OL 619-16	$52.99	**$47.99**
70903 OL 619-14	$49.99	**$46.99**
70904 CA EX16	$53.99	**$48.99**
71182 CA EX14	$59.99	**$54.99**
71222 FD 104409	$47.99	**$44.99**
70984 IH 462314	$52.99	**$47.99**
70986 JD H5316	$52.99	**$48.99**
70987 JD H5314	$43.99	**$39.99**
70988 CA 345966	$58.99	**$54.99**



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HI-ACRE ROCK SHARES
STAR Manufacturing

Made of High Carbon Steel, ½" Thick At Center Heavier Than Most OEM Shares

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Allis-Chalmers 14" & 16" Shares	**$8.99**

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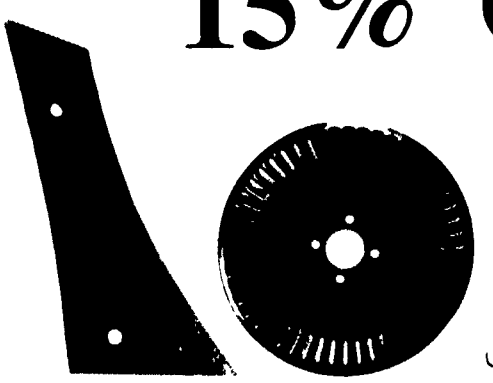

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NORWESCO STORAGE TANKS

- 1,550 Gal. Storage Tank, 79200 **$389.00**
- 425 Gal. Pickup Tank, 72902 **$199.00**

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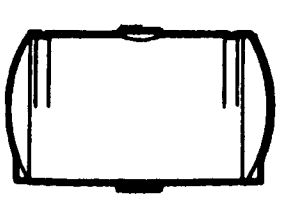

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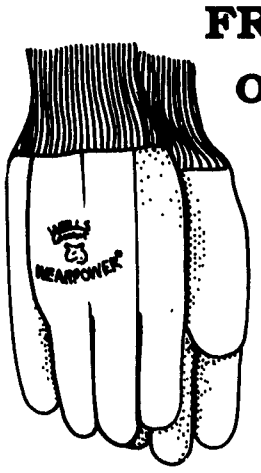

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Zinc Plated

Reg. $1.19 Lb.

FARM SHOW SPECIAL

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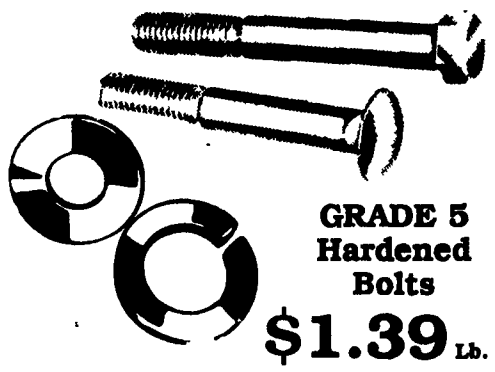

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Grade 5 Bolts Now Available In Both Reg. & SAE Fine Thread

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40" Long Handle Scoop
50155
SALE PRICE
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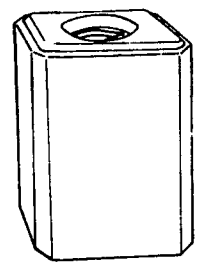
15 Oz. - SKU 15585
Reg. $1.39 99¢



50 LB. WHITE SALT BLOCK

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Reg. $4.79

SALE PRICE..... $4.19

Product of BASF WYANDOTTE

ANTI-FREEZE

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Reg. $6.49

$3.99

Meets All Manufacturer's Specifications

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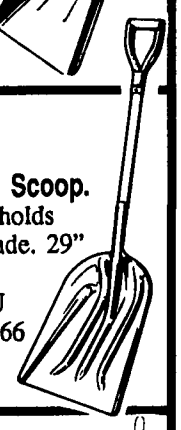
ABS Polymer Grain/Snow Scoop.
Equivalent to #12 size, but holds 15% more. 14¾ "x18¾ " blade. 29" lacquered Ash handle w/Big-Fist™ D-Grip SKU #50366

SALE PRICE $12.99



80 LB. SOLAR SALT

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Reg. $5.39

SALE PRICE..... $4.79

UNION MANURE PROMOTIONAL FORK

5 Tines
Spread at points, 9¼ "-9½ ". Length of Head, 12½ "
48" handle.

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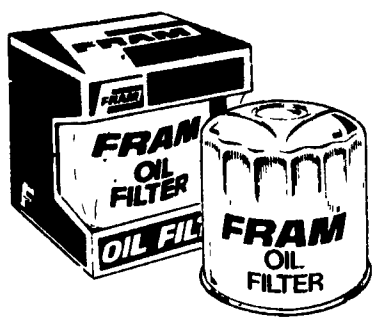

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PH16	PH2865A
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- Protects Metals
- Loosens Rusted Parts
- Frees Sticky Mechanisms

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- 240 Watt Red
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  Reg. $3.79
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- 125 Watt Clear
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1½ " and 2" Sizes w/3 H.P. B&S Engines
Pump Capacities Of 150 And 170 Gallons/Minute
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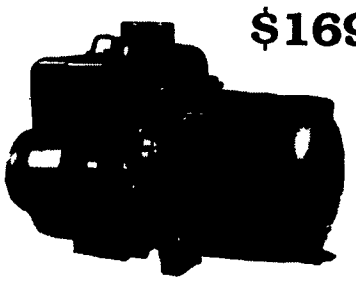
$169.95



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4247 4½ "

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Sugg. Retail $118.00

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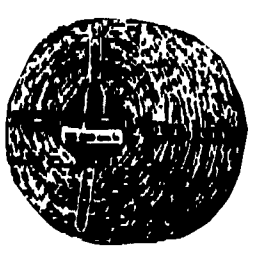

- 2½ Gauge, 4 Pt.
  80 Red Roll
  Reg. $37.99
  SALE PRICE $29.99
- Hi-Tensile 80 Rod Roll
  Reg. $26.29
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Broyhill 30 Gal.

LAWN & GARDEN SPRAYERS

Guaranteed 20% More Spraying Capacity In An All New Tank Design.

(25 gal. versus new 30 gal. model)

30 Gallon - 3 H.P. SKU 52891
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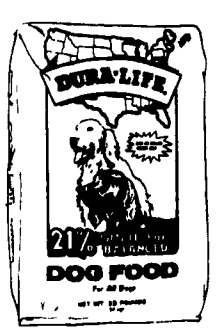
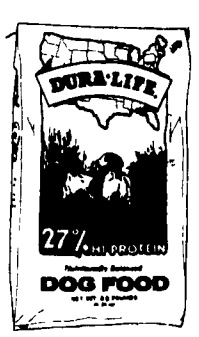
30 Gallon - 12 Volt Electric SKU 52894
Reg. $339.95 $289.95



75015
40 Lb. Bag
$7.88



75010
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$8.99

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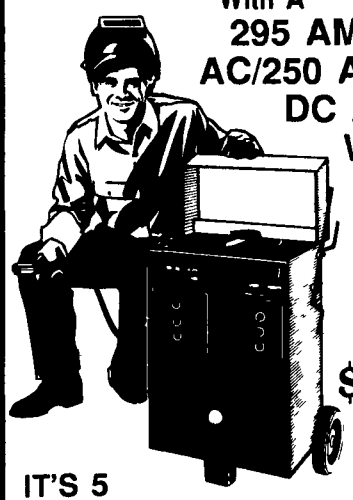
You'll Save Time & Money With A

295 AMP AC/250 AMP DC ARC WELDER



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IT'S 5 WELDERS IN 1!

- Reverse Polarity
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Optional Hi-Freq. Stabilizer

List $199.95

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CENTURY QUICK FIX™ GASLESS WIRE FEED WELDER

Only $299.00

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- Plugs into standard outlets no special wiring required.
- Welds with flux-core wire - no rods or shielding gas required.
- Welds thick or thin steel-3/16 in. to 18 ga.
- Easy to use-just squeeze the trigger to weld.
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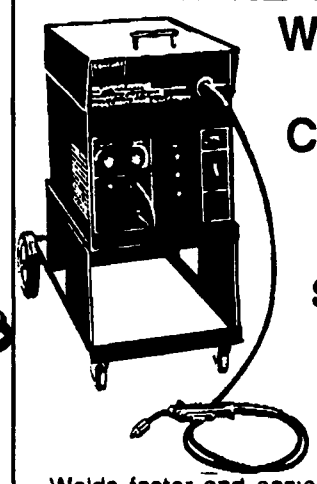
CENTURY SUPER STAR® 225 AMP MIG WIRE FEED WELDER AND CUTTER



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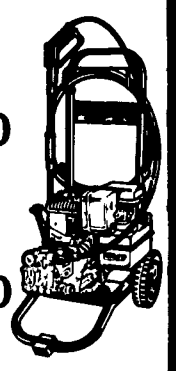
16 amp mig welder $999

- Welds faster and easier than gas or stick welders.
- Welds 24 ga. to ½ in. steel. Welds aluminum. Welds with specialty wires too!
- Cuts fast and clean through up to ¼ in. steel to save time.

POWERMATE Pressure Washer



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SKU 17605
Reg. $499.00
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SKU 17606
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SALE $569.00

1300 P.S.I.
- Maximum 1300 p s i pressure
- 2 quart gas tank
- Economical 2 2 gallons per minute flow rate
- 3 hp, 4-cycle Briggs & Stratton engine with adjustable throttle

1500 P.S.I.
- Maximum 1500 p s i pressure
- Large capacity 3 quart gas tank
- Economical 3 0 gallons per minute flow rate
- 5 hp, 4-cycle Briggs & Stratton Industrial/Commercial engine featuring cast iron cylinder sleeves
- Low oil shutdown
- Low noise muffler

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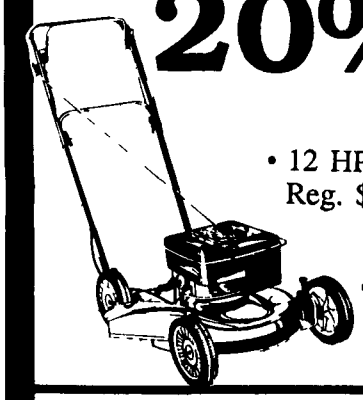
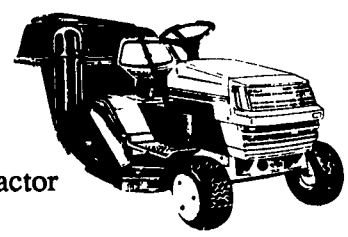
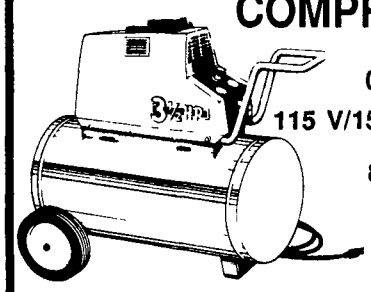


- 12 HP, 42" Tractor Reg. $1,099.00
- 18 HP, 46" Tractor Reg. $1,899.00

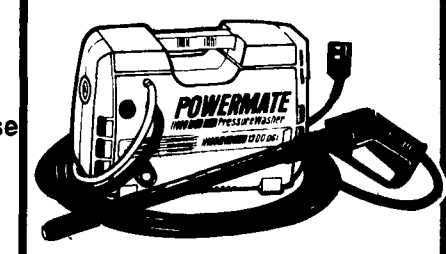


3½ HP, 20 Gal. AIR COMPRESSOR



07FL350-20
115 V/15 Amp/1 Phase
8.6 SCFM @ 40 PSI
6.7 SCFM @ 90 PSI
Approx. Kick-In Pressure - 90
Approx. Kick-Out Pressure - 120
Subject to stock on hand

POWERMATE Pressure Washer



- 1200 p.s.i. pump pressure
- 3-piston water pump for smooth operations
- Economial 1.75 gallon per minute flow rate
- 35-ft. electrical cord with ground fault circuit interrupter
- One-year limited warranty
- Adjustable pressure from 100 - 1200 p.s.i.
- 23-ft. reinforced high pressure hose
- Injection tube for soap and wax application

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Convenient carry handle. Rust resistant. Safety pressure valve and more.
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SKU 70641
$21.99 6 Gal.

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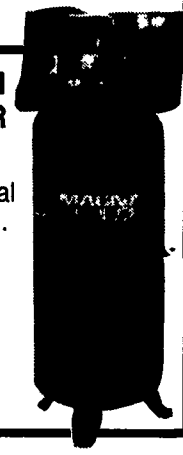

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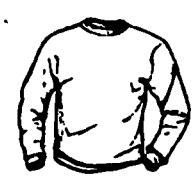

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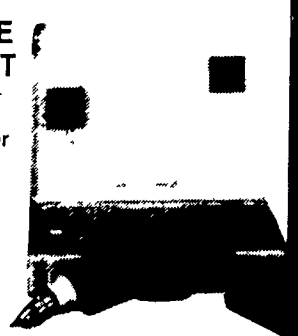

- More torque than any cordless 9 6 volt drill
- 110 max watts out of power
- Versa clutch automatically adjusts torque
- Clutch Lock
- Metal Kit box included

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7¼ SAWCAT CIRCULAR SAW

- Powerful 13 amp motor
- Electric brake stops blade in seconds
- Exclusive 50° bevel capacity
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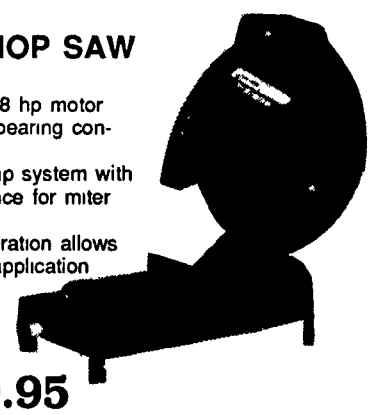
14" CHOP SAW



- Powerful 2 8 hp motor
- 100% ball bearing construction
- Screw clamp system with pivoting fence for miter cuts
- AC/DC operation allows generator application

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No. 3935
$159.95

State Dairy Industry To Be Featured At "Fun Night"

Pennsylvania's dairy industry, the number one agricultural industry in the state, will be in the spotlight at the Second Annual "Dairy Fun Night," held on Tuesday, January 14, 1992. A celebrity milking and butter making contest, a calf dressing contest, and an ice cream churn-off highlight the activities at the event held during the PA State Farm Show.

The "Fun Night" will kick-off at 6 p.m. in the Small Arena of the Farm Show Complex with a calf dressing contest between teams of 4-H and FFA members. The teams will compete in one of two categories, Television/Movie Stars and Sports Heroes. The winning teams in each category will receive a $75 top prize, with the second place teams receiving a $50 prize. The "dressed" calves and their teams will be judged on the originality and creativity of the costumes, the team's showmanship, the neatness of the costumes, and category appropriateness.

Following the calf dressers, six contestants will start churning their best ice cream recipes. The winner of this Churn-off will receive a $300 cash prize, with $150 for the second place recipe and $125 for an honorable mention recipe. The Churn-off will be judged by Mrs. Peggy Wolff, wife of PA's Secretary of Agriculture Boyd E. Wolff, Phil Keeney, Jr., of Hershey Creamery Company, and area radio personalities.

While the ice cream is churned, three celebrities will be trying their luck at "Dairy Jeopardy." Modeled after the famous television show, this contest will allow participants to test their knowledge of the state's large dairy industry. Areas of competition include PA dairy products, economic significance, and dairy nutrition.

This year's event will then have a new feature, a milk mustache contest. After "Dairy Jeopardy," a dozen members of the audience will be selected to come down to the Small Arena and create their best milk mustache from a glass of milk. Pennsylvania's State Dairy Princess, Robin Wilbur, will select the winning mustache and award a "Milk Cow" sweatshirt to the winner.

The evening will close with the most spectacular event, a celebrity milking and butter churning contest. Area radio personalities and government leaders will participate in teams for this contest. Each team will first milk a cow and then make butter from their milk. The winning team will have the best combined time for the milking and butter making.

The Second Annual "Dairy Fun Night" is sponsored by the Pennsylvania Dairy Promotion Program and the Pennsylvania Department of Agriculture. Further information about the activities is available by calling (717) 787-6903.

PSU Has Diverse Program Features At Farm Show

HARRISBURG (Dauphin Co.) — Penn State's exhibit at the 76th Pennsylvania State Farm Show, January 11 to 16, will reflect the breadth of College of Agricultural Sciences research and education programs, from sustainable and international agriculture to wood products and youth development.

"We hope to give people a more complete understanding of the College's programs in sustainable agriculture and what the concept means," says James Frazier, professor of entomology and coordinator of the sustainable agriculture display. Visitors can complete a survey designed to gauge public opinion about sustainable agriculture, and faculty or staff will be on hand to answer questions and distribute printed materials.

The international display will highlight the College's involvement in a USDA Extension Service project to strengthen Poland's agricultural sector. Faculty and staff are helping Polish extension advisers to educate producers and agribusinesses about a free-market economy and to strengthen linkages among research, extension and industry. Similar efforts have been started in Czechoslovakia and Hungary.

The importance of forests to the state's economy will be explored in a display coordinated by John Janowiak, assistant professor of forest resources. "Most people regard the forest as a beautiful natural resource," he says. "Many don't realize our forests benefit Pennsylvania's economy as well." Among the projects highlighted will be the nation's first red oak, glued-laminated timber bridge. Penn State researchers developed the technology and design specifications for this innovative structure, which offers a competitive alternative to concrete and steel spans.

Five of the College's youth programs will be part of a display that includes videos, live performances and demonstrations. Featured will be Theater and Dance, Therapeutic Horseback Riding, Learn and Earn, Latchkey Kids, and Eating for a Better Start, a program for pregnant teens. Adult leaders and youth participants will be on hand to answer questions.

Bug Museum Gets New Home

UNIVERSITY PARK (Centre Co.) — A Penn State facility infested with nearly a half million insects has moved to new quarters, but not to get away from the bugs. It relocated so it can house more.

The Frost Entomological Museum, part of the College of Agricultural Science's entomology department, is located in Headhouse 3, across from Parking Lot 80 on Curtin Road, a block east of its former location in Patterson Building. The move increased the museum's space by about 60 percent to nearly 3,200 square feet.

"Until now, new acquisitions and proper collection management were hindered by our lack of space," said Dr. K.C. Kim, professor of entomology and the museum's curator.

As the university's resource for the study of insect systematics (the science of biodiversity and classification), the museum's collections and library holdings are important to educational and research programs at Penn State and throughout the scientific community. The museum provides species identification, taxonomic and biological information, instructional resources, loans and exchanges of specimens, and public education programs.

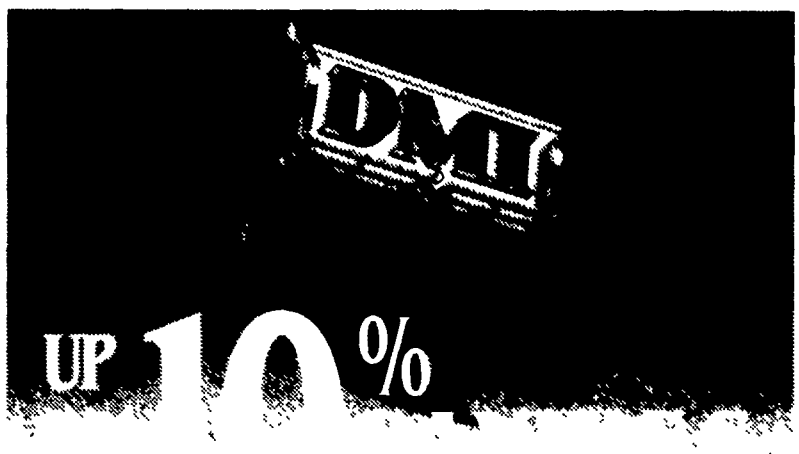
"Systematics collections of animals and plants are the only permanent record of Earth's organic evolution and the diversity of organisms, and they become more valuable as species extinctions increase," Kim said. "The move to Headhouse 3 will enhance systematics research and help us safeguard valuable biological resources and specimens."

The Frost Museum is named for the late Penn State entomologist Stuart W. Frost, who began the collection in the late 1930s. The museum's holdings have grown to include nearly 500,000 specimens representing 28 orders, 455 families, 5,107 genera, and about 15,000 species of insects, dead and alive.

The museum's new home includes a 1,600-square-foot collection room; more than 1,300 square feet of space for research, laboratory work, library/computer facilities, offices and storage; and 260 square feet of public exhibit area, where visitors can see still-life displays, a working honey bee hive, and live cockroaches, aquatic insects, and tarantulas.

The future installation of a special high density storage system is expected to add up to 50 percent more storage space in the collection room. Kim is seeking a grant from the National Science Foundation to acquire the system, computerize collection management, and develop a database of Pennsylvania insects and related creatures.

About 4,000 people visit the museum each year for public exhibits or guided tours. The museum's regular hours are Monday through Friday, 8:30 a.m. to 4:30 p.m. Admission is free. Group tours can be arranged by writing The Frost Entomological Museum, Department of Entomology, The Pennsylvania State University, University Park, PA 16802, or by calling (814) 865-1895 or (814) 865-2865 at least two weeks in advance.



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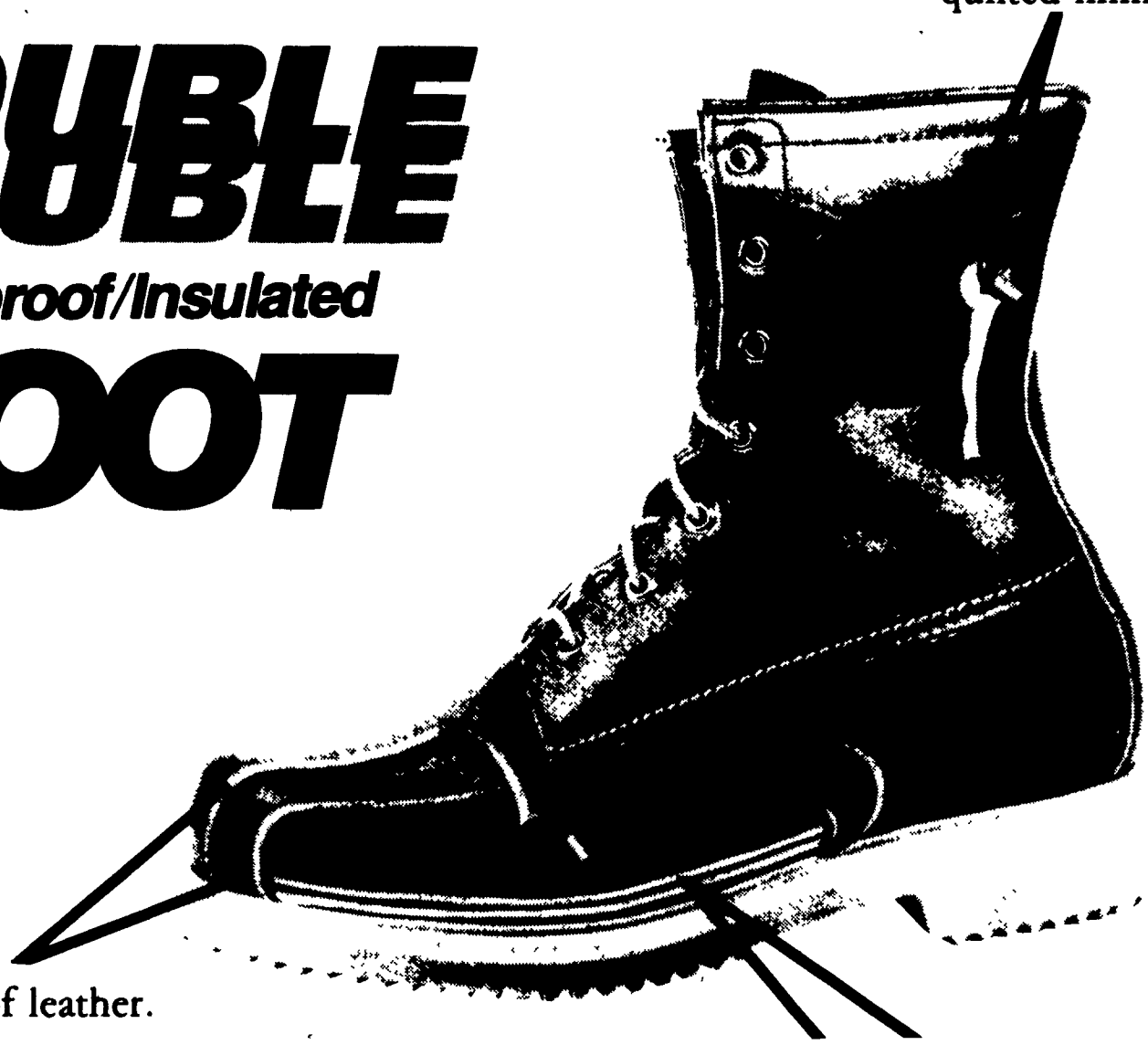

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Unique double insole construction.

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State FFA Awards Keystone To 217 Recipients

HARRISBURG (Dauphin Co.) — FFA members across the state will meet at the Forum Building on Thursday, January 16 at 12:30 p.m. during Farm Show Week for the 63rd annual Mid-Winter Convention.

At that time, many will receive the coveted Keystone Farmer Degree — the highest state award bestowed upon high school FFA members out of approximately 73 chapters across the state. Regional Star Agribusinessmen and Star Farmers will also be recognized at the convention, in addition to this year's Proficiency Award winnners.

Building Our American Community (BOAC) awards will also be presented. At the convention, parents with three or more children who have received the Keystone Farmer Degree will be honored.

Once again, *Lancaster Farming* congratulates this year's winners, and hopes their chosen work experience, project, committee, and community involvement programs will benefit them in their chosen careers.

A brief biographical sketch of this year's Keystone Farmer Degree recipients follows.

Gary Anderson II

For Gary Anderson's FFA project, he planted and managed 10 acres of alfalfa and cropped the 650-acre family farm. Gary was chairperson of the Blue Mountain FFA Frog Hollow BOAC, which placed third nationally in competition.

Gary, the son of Gary and Faye Anderson, Friedensburg, Schuylkill Co., was chapter chaplain, vice president, and serves as president. He has been honored with the Star Greenhand and Chapter Farmer degrees. Future plans include a career in agriculture.

John Alleman

In-shop work experience for John Alleman included the construction of farm buildings. Other FFA projects for John, of the Shippensburg FFA, include hay wagon and calf hutch building, and he has served on the banquet committee from 1989-1991.

John, the son of Donald and Mary Alleman, Shippensburg, has been an FFA member for four years. He has served as secretary, vice president, and president of his chapter. He has been honored with the Ag Mechanics and Ag Scholar awards. A Cumberland, Perry, and Dauphin area FFA officer, John was honored as the Shippensburg Area High School Student of the Week in 1990 and received the Fundraising Salesmanship Award in 1990 and 1991. Future plans include a study of engineering in the Navy.

James R. Allen

Beef and dairy production comprised the FFA activities of four-year FFA veteran James R. Allen, of the Oxford FFA. The son of James and Carlene Allen, Nottingham, Chester Co., James has served as chapter president for two years, one year as chaplain, and one as county chaplain. James has also served as county vice president and has been involved on the livestock juding team and finance committee. He has also received the Greenhand and Chapter degrees.

Edward James Ammon

Experience may prove the best teacher for this future ag education instructor, who served FFA on many levels. Edward James Ammon, a three-year FFA veteran, has served as H.G. Parkinson FFA Chapter as president and vice president and has been involved in a wide array of projects — including swine finishing and on-farm occupational experience.

The son of Paulette R. and Edward C. Ammon, McDonald, Washington Co., Edward has worked on various FFA activities, including leadership, earnings and savings, supervised occupational agricultural experience, scholarship, and public relations. Contests he has placed in include land use and management, dairy judging, livestock judging, agronomy, tractor driving, dairy foods, meats judging, agbusiness management, wildlife, creed, public speaking, and parliamentary procedure. He also participated in the state record book contest, placing in swine finishing, beef growing (gold), on-farm work experience (gold), layer replacements, poultry meats-roasters, and swine finishing (gold). He received on honorable mention in the Up With Agriculture writing contest and received the Washington Co. Farm Credit Award in 1990 and 1991.

Edward has also received the Greenhand, Chapter, and County awards, in addition to Star Greenhand. Other honors include Star Chapter, Public Speaking Proficiency, Diversified Livestock Proficiency, Poultry Production Proficiency, S.O.A.E. Proficiency, Extemporaneous Public Speaking Proficiency, and Prepared Public Speaking Proficiency. He has won gold awards at the state public speaking and parliamentary procedure contests, and a silver in the agronomy contest. State and national activities include the Made For Excellence program, Washington Conference Program, National FFA Convention, Mid-Winter FFA Convention, FFA Week, Fall Leadership Conference, and John Moats National Leadership Conference.

Greg Anderson

A four-year member of the Blackhawk FFA, Greg Anderson has been involved in a variety of livestock judging projects, including the state and area livestock judging team and state meats judging team. Greg has also served on the agronomy judging team. Chapter president for two years, Greg has received the Blue-Gold Award for Chapter Leadership in 1990, the Star Greenhand, Star Chapter Farmer, and Beef Proficiency awards. Greg is the son of George and Beverly Anderson, Darlington, Beaver Co.

Joel Andrew

Dairy herd improvement projects formed the core of most of the FFA activities of Joel Andrew of the Linesville FFA. The son of James and Linda Andrew, Espyville, Crawford Co., Joel has been involved in a dairy herd project in 1989, dairy heifer projects in 1990 and 1991, and corn and oats project in 1991. He was a member of the chapter's BOAC activity in 1990.

Joel's FFA achievements include serving as chapter secretary, chaplain, and he has received several awards, including Greenhand, Chapter Farm, and County Farmer. Future plans include obtaining a two-year associate degree.

Ernest Auman

Future plans for Ernest Auman, a four-year member of Penns Valley FFA, include to continue farming and start a dairy herd. Ernest has been involved in beef breeding, dairy heifer, and field corn FFA activities in his chapter. Ernest was also the division chairman for the earnings and savings committee. The son of Bonnie and Steve Auman, Coburn, Centre Co., Ernest has served as secretary and treasurer of his chapter, and has received the Greenhand, Star Greenhand, and Chapter honors.

Ricki Bashore, Jr.

Dairy herd projects form the backbone of Ricki Bashore's FFA projects at Northern Lebanon. Ricki has worked on various dairy calf, heifer, and herd projects, including field corn, alfalfa, silage, soybeans, and dairy beef growing projects. Ricki has also been awarded the Greenhand, Chapter, County, and Star Farmer honors, and has served as county parliamentarian, assistant sentinel, and as an alternate on the Parliamentary Procedure Team. Future projects include working in Oklahoma on a combine crew during the summer, and work on the parent's dairy farm and to "someday have my own."

Jason Bennett

Three-year Columbia Montour AVTS FFA member Jason Bennett has served on various chapter committees, including citrus sales, banquet, and financial. Jason, who served as chapter secretary, has been honored with the Greenhand, Chapter, and Keystone Awards. He also traveled to Massachusetts for the Big E competition, and is currently working on co-op at J.L. Dillon's Wholesale Greenhouses.

(Turn to Page E7)

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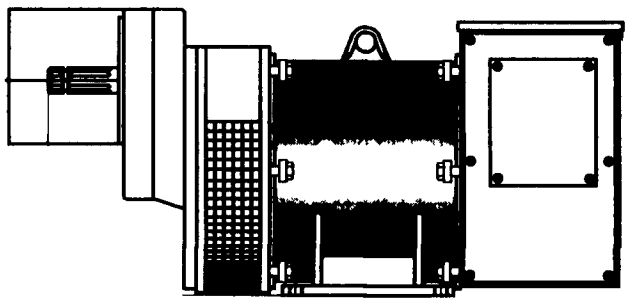

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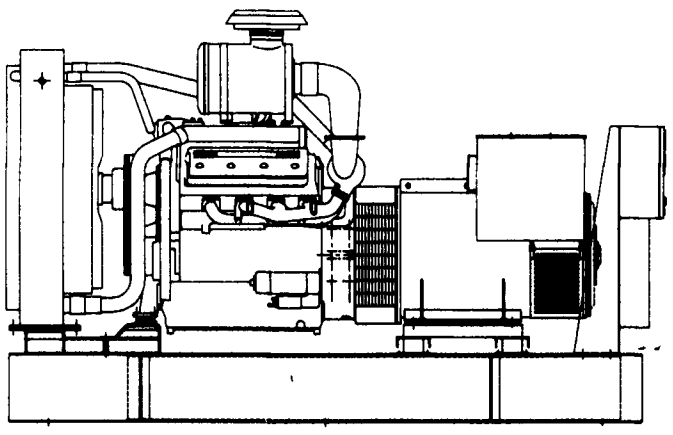

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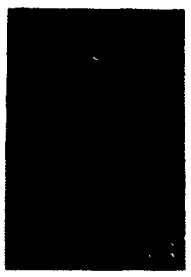
State FFA Awards Keystone

(Continued from Page E6)

Heather L. Becker



The daughter of Gayle and Patricia Becker, Narvon, Lancaster Co., Heather Becker has been involved in various FFA committees and projects, including dairy herd, DHIA milk tester, on-farm work, and as chairman of the alumni and leadership committees. A four-year veteran of the Pequea Valley FFA, Heather has served as president, vice president, and secretary of the chapter. She has received the Star Chapter Farmer, PAFC, PCC scholar staff, and AIC-NICE recognition. She placed first in the state ag sales contest and third in dairy foods competition, in addition to the silver at the National Dairy Foods and National Ag Sales competitions. Future plans include attending Penn State to major in ag business.

FFA

Karen Becker

Karen Becker's FFA projects during the past four years at Manheim FFA have included beef, sheep, and swine finishing, in addition to sheep breeding and off-farm work at Smuckers Meats. Committee work included citrus sale chairman, chicken barbecue sale chairman, and work on the turkey sale. Karen, daughter of J. Marlin and Nancy Becker, Manheim, Lancaster Co., has received the Star Greenhand, Star Chapter, and Red Rose degrees. She also won the state record book contest and an award for citrus sales. She has held positions as chapter advisor, secretary, and treasurer. Future plans include work at Smuckers Meats and to work on a hog farm.

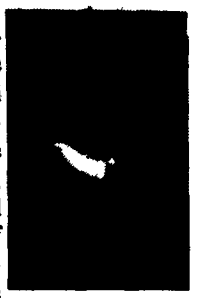
Tiffany Becker

Rabbit production and pleasure horses were some of the FFA activities undertaken by Tiffany Becker, a four-year member of the Conewago Valley New Oxford FFA. The daughter of Mr. and Mrs. Lewis Becker, Tiffany has also served on the chapter's BOAC and executive committees. She has also served as chapter chaplain and president, and received honors in public speaking and the Star Chapter Farmer degree. She wants to attend a four-year college and work as a dairy veterinarian.

Dawayne Betzer

Selinsgrove FFA member Dawayne Betzer has served on a variety of chapter committees, including scholarship, plant sales, cider, banquet, leadership, and Food for America. Dawayne also attened the National FFA Convention, and has been involved in various BOAC and large window exhibit FFA projects. Dawayne has also served as chairman of the leadership, plant sales, and Food for America committees, and has served as chapter secretary and SUN area secretary. Future plans including attending the Pennsylvania College of Technology at Williamsport to study landscape/nursery design and to start own business after college.

Amy Michelle Byers



Amy Michelle Byers has been involved in a wide range of Greenwood FFA projects, including work on the chapter BOAC, safety, citrus, earning and savings, conduct of meetings, and cooperation committees. The daughter of Lloyd and Sue Byers, Liverpool, Perry Co., this four-year FFA'er has recieved the Greenhand, Star Greenhand, Chapter, Star Chapter Farmer, and Area Degree honors. She has also received the chapter leadership and Star Greenhand honors. Amy has served as chapter historian, treasurer, and president, and also was selected area president. She plans to attend Delaware Valley College and major in animal science, and to start her career in the research field.

Jennifer Blair

Jennifer Blair is the 19-year-old daughter of Mr. and Mrs. Wendell Blair, Butler. She has been a member of the Knoch FFA chapter at the Junior/Senior High School for four years. Jennifer has work experience with horses and was a member of the demonstration team for two years. She has been chapter president, and secretary.

She won the DeKalb Agriculture Award

(Turn to Page E8)

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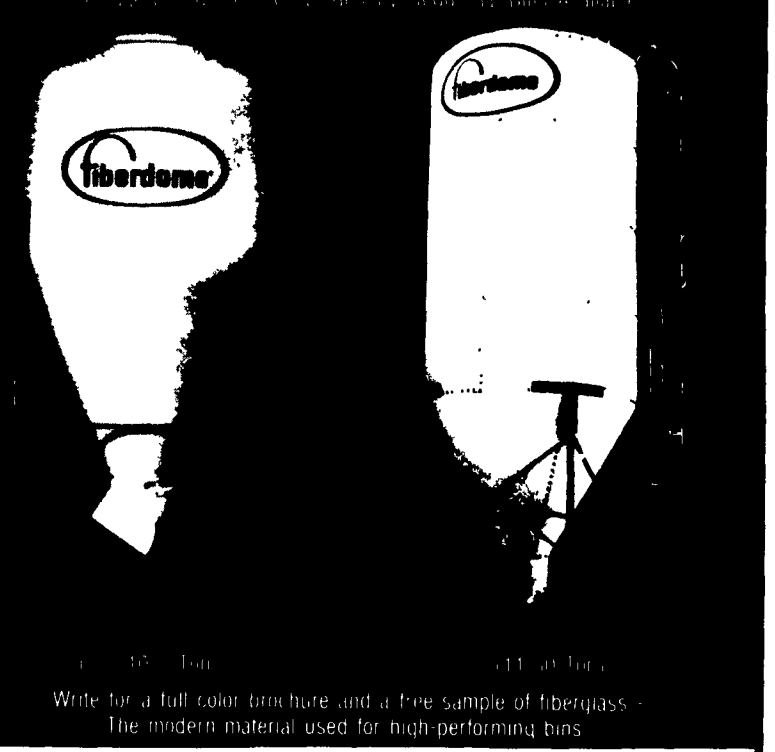

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State FFA Awards Keystone

(Continued from Page E7)

and was a Western Pennsylvania Leadership Conference delegate. Her future plans call for studies at the community college to become a teacher.

Troy Bliley

Troy Bliley is the 18-year-old son of Richard and Virginia Bliley, Waterford. He has had projects in beef finishing, swine finishing, poultry, and home garden. In his local chapter he was the sentinel and is the current vice president. He has won county and local trophies for his efforts.

Holly Blatt

Four-year FFA'er Holly Blatt has worked on a variety of FFA projects, including market hogs and on a co-op program at the local Agway Farm and Home Store. The daughter of Jay and Janet Blatt, Annville, Lebanon Co., Holly has served on various Northern Lebanon FFA committees, including banquet, scrapbook, and fundraiser. She participated in livestock judging, parliamentary procedure contests, and was a chapter delegate at the state FFA convention. She served as chapter secretary and president, and has received the Greenhand, Chapter, and County degrees. Holly also received the Star Farmer Award and placed fourth in the agricultural salesmanship contest at the State FFA Convention. Future plans include work on her brother's hog farm.

Cori Bomgardner

Dairy heifer and herd projects form the core of much of Cori Bomgardner's FFA activities during the past four years. This Northern Lebanon FFA'er also has garnered work experience in professional fitting and has served on the FFA's farm safety and banquet committees. The Ono, Lebanon County teen-ager has served as chapter and county FFA chaplain and has received the Greenhand, Chapter, and County degrees. Cori has also received first place in the state FFA judging contest and fifth place in the National FFA Judging Team (dairy cattle). Cori also received the 1991 Dairy Proficiency Award. Future plans include working on a combine crew for the summer and to work on father's farm.

Aaron Bower

The son of Rodger and Barbara Bower, Danville, Montour Co., Aaron Bower has served as Danville FFA chapter chaplain and treasurer. In addition, Aaron, a four-year FFA member, has been involved in various agribusines and ag production projects. He has worked on the Crest View Farm and raised beef animals and managed several acres of corn. Aaron also served on various FFA committees, including the float and greenhouse committees. He has also attended many leadership conferences, and received the Chapter Scholarship Award. He plans to attend a technical school.

Paul Bowersox

Son of Robert and Carol Bowersox, Coburn, Centre Co., Paul Bowersox has served the FFA through various work experience projects. A four-year member of the Penns Valley FFA, Bowersox has received the Greenhand and Chapter honors. Future plans includes business school.

Nichol Bozlinski

Nichol Bozlinski has served on various committees at the Mohawk FFA, including citrus and float. FFA projects include dairy production (she received the silver last year), steer production award (silver), and was a member of the Pennsylvania Dairy Judging Team in 1990. She has judged dairy for three years at the Penn State FFA Week. The daughter of Phil and Cindy Bozlinski, Nichol has received the Greenhand and Chapter Farm honors and served as secretary and vice president of the chapter. She plans to attend Delaware Valley College to major in dairy science.

Chuck Brown

Four-year Waynesburg FFA member Chuck Brown has worked on various FFA projects, including farm products; dairy, land, and livestock judging; parliamentary procedure; and various creed, tree planting, banquet, lawn care, and farm product projects. Chuck received various honors, including Star Agribusiness, Chapter, and Greenhand degrees, and has served as secretary and sentinel of the chapter. Future plans include attending a technical school.

Susan Brown

Susan Brown is the 17-year-old daughter of Richard and Shirley Brown, Millersville. Susan has had projects in market hogs and has worked in savings and investments, recreation and public relations. She won the youth encouragement award in 1991, the leadership award and was the executive vice president of her chapter. Her future plans call for studies in business at Millersville University.

James Burkholder

Much of James Burkholder's experience in FFA dairy-related projects came by serving as a hired hand on the Sandy Glen Dairy Farm since June of 1988. Since then, Burkholder, a four-year member of Brothersvalley FFA, has garnered experience by serving on the Scholarship Committee as chairman for two years and on the Degree Committee as chairman for the same length of time. The son of James and Partricia Burkholder, Meyersdale, Somerset Co., James has served as chapter sentinel and reporter. He has also received the Greenhand and Chapter degrees, and received various other honors, including the FFA Placement in Ag Production in 1990 and 1991, and the 1991 Agricultural Mechanics Award. Future plans include gaining experience in a two-year trade school.

John Burrell

John Burrell has served on an array of Spud Growers FFA projects related to dairy, including dairy improvement, dairy judging, and various tractor driving, land judging, and forestry projects. He served as treasurer of the Spud Growers FFA and as an alternative FFA officer. John plans to attend Clarion University to major in business management.

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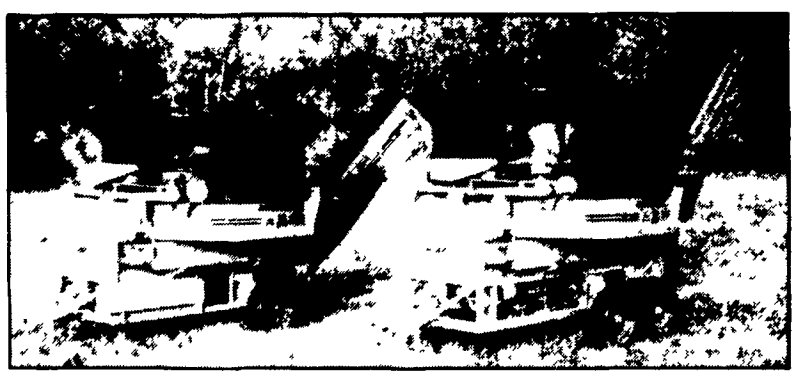

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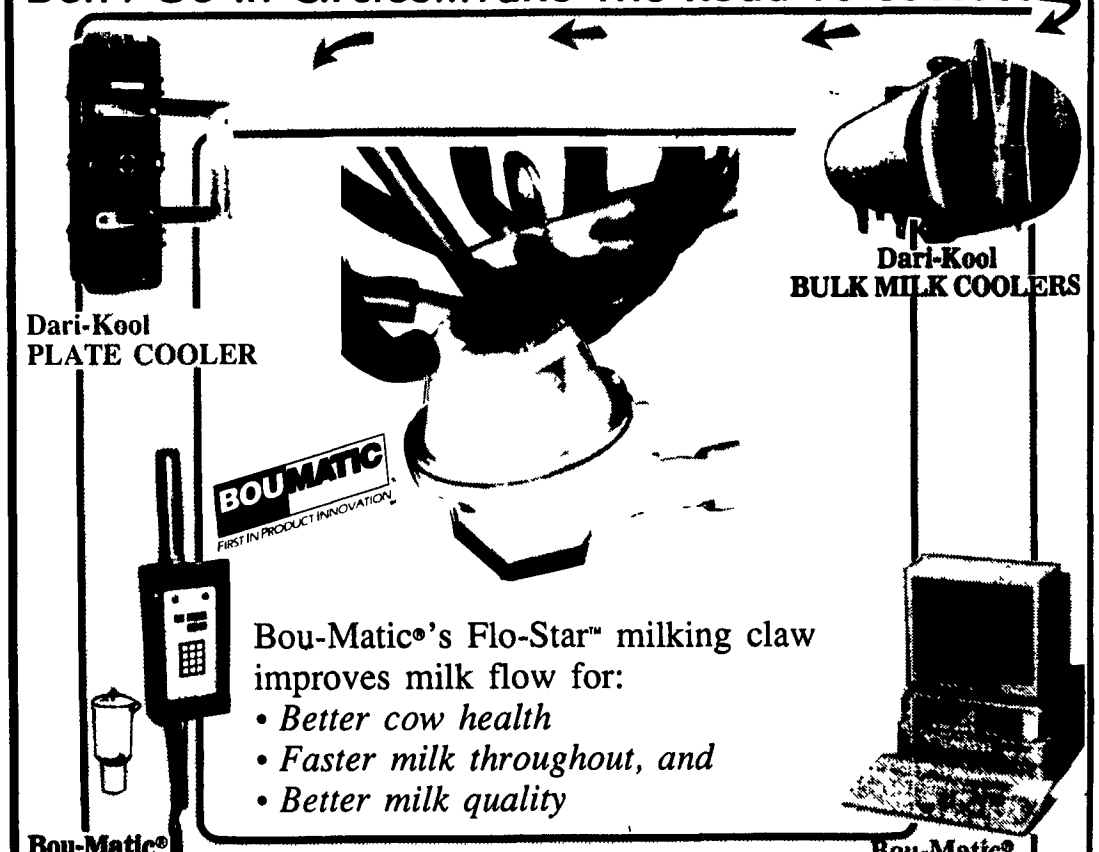

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State FFA Awards Keystone

(Continued from Page E8)

Ronald C. Carey

Various committee activities comprised the FFA activity time of Ronald C. Carey, Bermudian Springs FFA. This four-year FFA'er, son of Philip C. and Linda S. Carey, York Springs, Adams Co., has served on the apple cider, trapshoot, and sandwich sale committees. He has been chapter reporter and president, and served as county secretary and preisdent. Among numerous awards, Ronald has picked up the wildlife proficiency and SLLC awards. His plans include entering the military and, in the future, to become a policeman.

Brian L. Carper

Son of Barry and Connie Carper, Spring Mills, Centre Co., Brian Carper has gained experience on a farm and as a milk hauler. The three-year Penns Valley FFA member was chairman of the cooperation division of the FFA program of work. Brian has obtained the Greenhand and Chapter degrees. Brian plans to enroll in a four-year college program.

Mark Cecco

Mark Cecco, Selinsgrove FFA, has served on a variety of committees, including large window exhibit, BOAC, recreation, summer trip/national convention, and small animal. The son of Chester and Suzanne Wands, Mark's FFA achievements include chairman of the recreation, small animal chain, and summer trip/national convention committees. He has also served as chapter and SUN area sentinel. He plans to attend Harrisburg Area Community College for business studies.

Jody Clapper

FFA projects that have occupied the time of Jody Clapper, four-year Central Cove FFA member, have included dairy calf, beef finishing and breeding, corn for grain, and swine finishing. FFA activities included chapter treasurer, area FFA swine show and sale, land and livestock judging, Food for America committee, and participation in local and regional dairy shows. Jody also participated in the area leadership training conference. Jody has also received various project book awards in the county and area contests, third place in the state livestock judging contest, and various placings at swine and dairy showns. In the future, Jody plans to pursue a career in home economics and working with children, and will assist in the operation of a small farm.

(Turn to Page E11)

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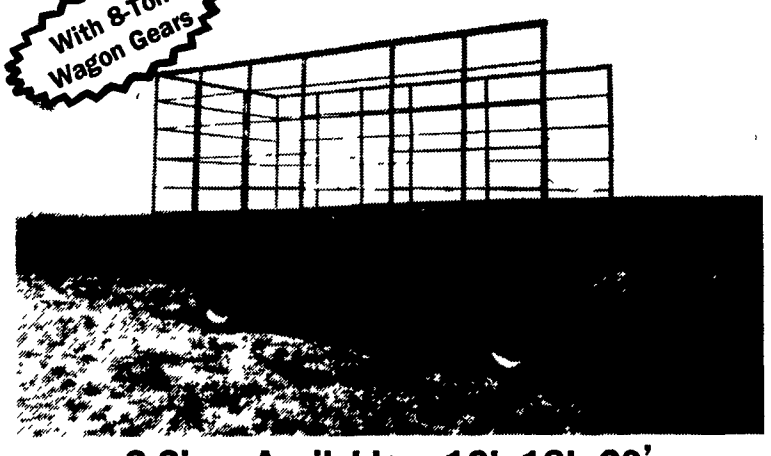
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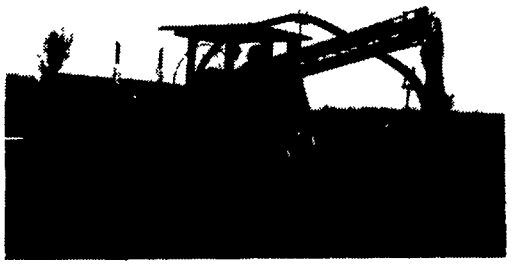
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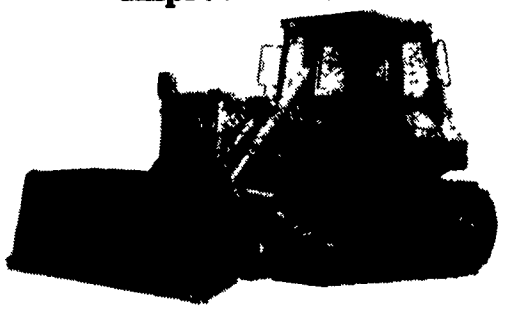
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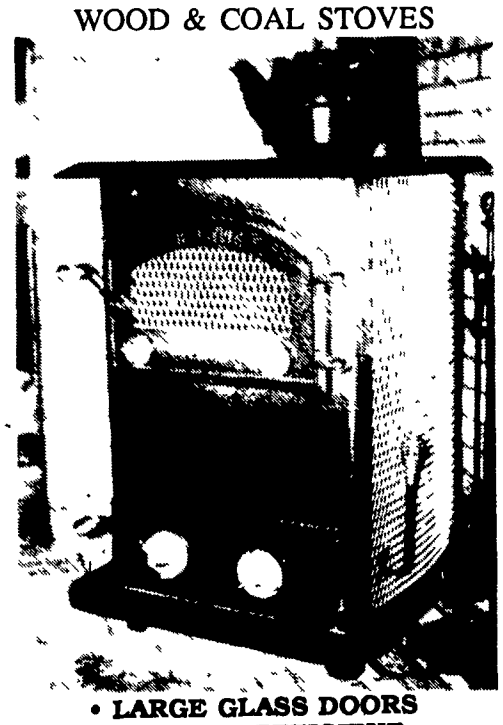
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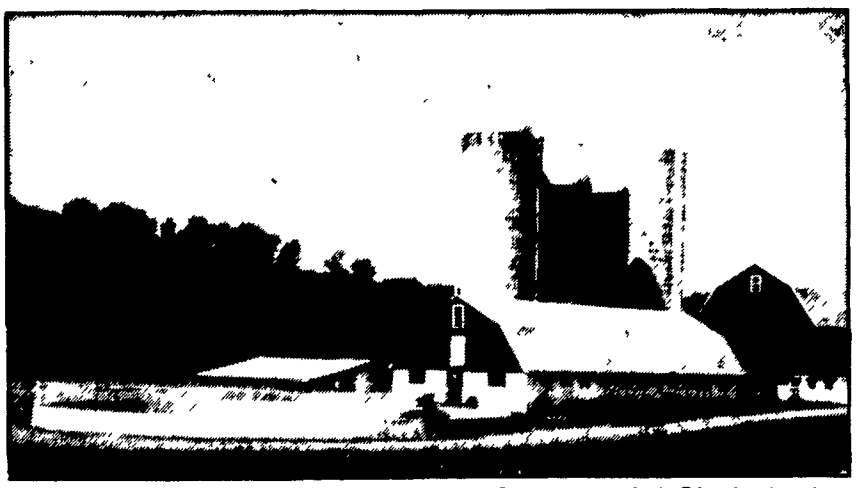
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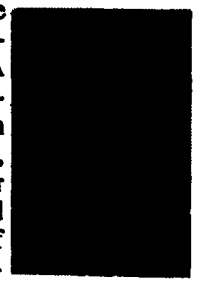
State FFA Awards Keystone

(Continued from Page E10)

Jacy Clugston



Many activities have filled the life of four-year Manheim FFA member Jacy Clugston. Daughter of Ken and Phyllis Klugston, Manheim, Lancaster Co., Jacy has worked on a wide array of FFA projects, including various chapter, county, and state activities. Jacy has served her chapter as vice president and the county as president. Along the way, she garnered many honors, including Lancaster County Star Agribusinessperson, in addition to state recognition as first in the state creed speaking contest, the gold award in the state record book contest, and third place in state prepared public speaking contest. She has also served on the state and national chorus. Jacy has on-farm experience on the Balmer Brothers Dairy Farm and raises her own dairy animals.

Thomas Coffman, Jr.

A four-year member of Blue Juniata FFA, Thomas Coffman has worked on various farm projects, including corn, oats, wheat, and hay. Thomas has served as chapter sentinel for two years and serves as president. He has also served on the BOAC and budget and program of work committee. The son of Mr. and Mrs. Thomas Coffman, Petersburg, Huntingdon Co., Thomas has participated on the parliamentary procedure team and has exhibited hay and grain at the local fair and at the Ag Progress Days. The recipient of the Star Chapter Farmer Award, Thomas's future plans include working on the family dairy farm.

James R. Cooley

This Apple City FFA'er has been involved in a variety of FFA projects the past four years, including public relations and financial committees. James, son of Richard F. and Regina A. Cooley, Aspers, Adams Co., served as an All-American and KILE tour guide and attended the Penn State FFA Freshman Conference and the 1990-1991 Cooperative Business Seminar for teens.

James has received the Greenhand, Chapter, and County degrees, and has been honored with the Regional Star in the specialized agriculture area. He has also

(Turn to Page E12)

TANKS TANKS TANKS

State FFA Awards Keystone

(Continued from Page E11)

received the gold and silver medals in the state project book contest. In the future, James wants to continue working in the food processing area.

Michael Cornman

Swine finishing and breeding, sheep finishing and breeding, and beef and goat finishing comprise the FFA projects that this four-year Big Spring FFA member has been involved with. In addition, Michael Cornman has also served on the citrus sale, banquet, farm safety, and Food for America committees. Michael, son of Mr. and Mrs. Melvin Cornman, Carlisle, Cumberland Co., has held various positions in the chapter, including vice president and CDP area vice president. He has received the Star Greenhand and Star Chapter Farmer, in addition to awards in public speaking and swine and sheep production. Michael has also received the Chapter Proficiency Award and honors in diversified livestock management. Michael wants to attend a college majoring in ag business management.

Eric A. Cowder

Eric Cowder, son of Mark and Tia Cowder, Clearfield, Clearfield Co., has worked on three committees within the past year, and has carried rabbit breeding, poultry, and wildlife projects during the past three years. Eric has served as sentinel, chaplain, and vice president of the Clearfield FFA Chapter, and has chaired several committees, including banquet, recreation, and community services. He has received various honors, include FFA leadership and wildlife project book. Eric plans to serve in the army to earn money to attend gunsmithing school to become a gunsmith.

Mark I. Creecraft

Mark Creecraft, a four-year member of Kennard-Dale FFA, has become involved in many FFA activities at Kennard-Dale High School, including the earnings and savings group and parliamentary procedure team. He has also exhibited at the York Co. Fair for four years, in various dairy contests, and has served as county officer. Son of Sallyann and Joseph Herring, Fawn Grove, York Co., Mark has served as chapter treasurer, county treasurer, and has obtained the Chapter Farmer, White Rose, and Star Greenhand degrees. He placed second in the Eastern Exposition in ag mechanics and third place in the state small engine team. In the future, Mark would like to operate the family dairy farm.

Daniel Delancy

More than 1,200 hours a year have been logged for Daniel Delancy, four-year Brothersvalley FFA member, on SOE program work. Daniel served as chairman of the sweet Spanish onion sales, citrus fruit, and seed sales, and one-acre corn growing contest. FFA achievements include serving as chapter historian and sentinel. Daniel, son of Joseph Edward and Darla Jane Delancy, Sr., Meyersdale, Somerset Co., has obtained the Greenhand and Chapter degrees, and is the chapter's top fruit salesperson three years straight. In the future, the FFA'er plans to work on and eventually own a farm. "In three years from now, I plan on trying for the American Farmer," he said.

Jeremy J. Deneen

Three-year Somerset Co. AVTS member Jeremy Deneen has served in various capacities for the chapter, including on the BOAC, candy and citrus sales, demonstration, fair booth, forestry field meet, county contest, and other committees. Son of Cindy L. Fornwalt and Wayne E. Deneen, Jeremy has also participated in various contests, including county contest, forestry field meet, scrapbook, and related contests. He placed first in the county wildlife project book and second in the country forestry project book contests, and participated in the county creed contests and Eastern States Expo.

He obtained the gold in the state wildlife project book and a bronze in the state forestry project book. FFA awards include a silver and gold for the state forestry contest. He served on the third place team in the regional forestry contest. In the nation-

(Turn to Page E14)

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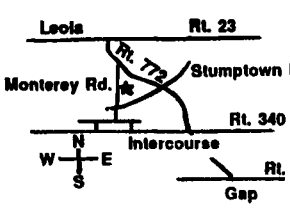

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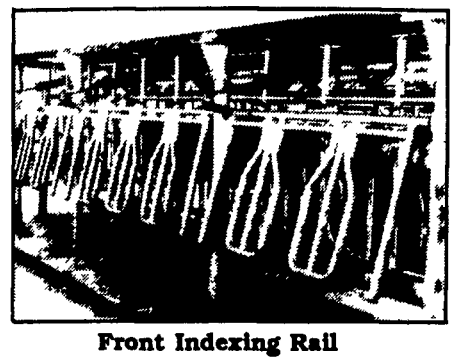

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FEATURE: Gang Indexing allows dairyman to position cows in groups of 3 or 4
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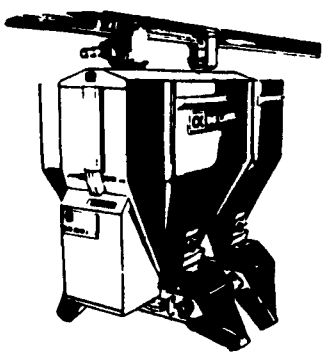

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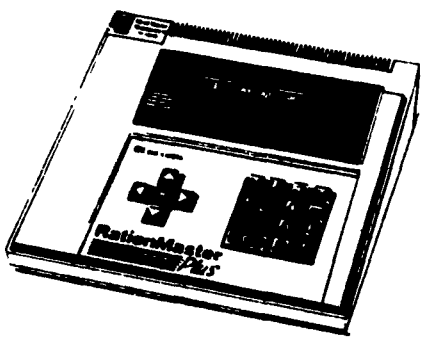

With the introduction of the new **RationMaster® Plus™** feeding system from **De Laval**, you can now add greater precision to your feeding program to reduce wasted feed and increase production.

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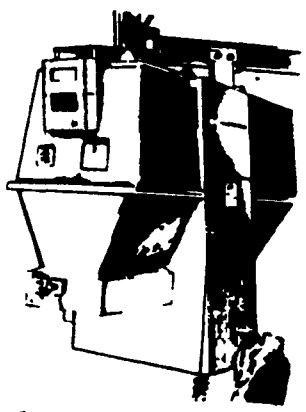
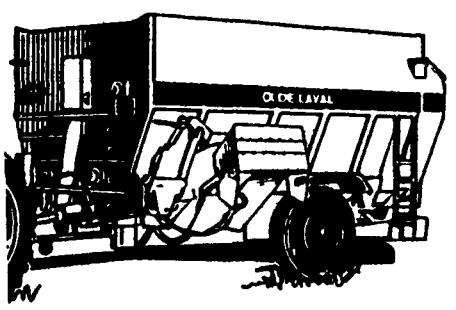


The key to maximum productivity and profitability for your herd is to give each cow the exact feeding mix that's right for her. And now that's easier than ever.

TMR Mixer



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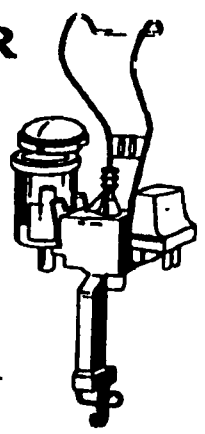

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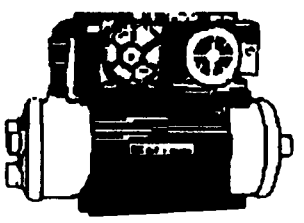

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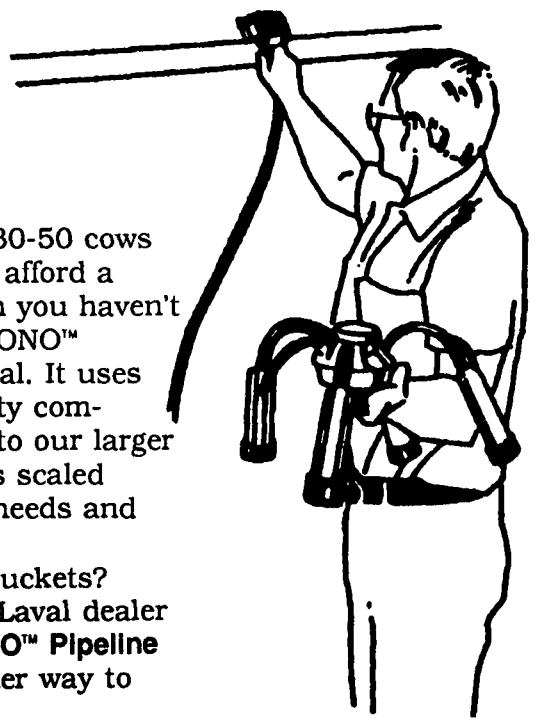

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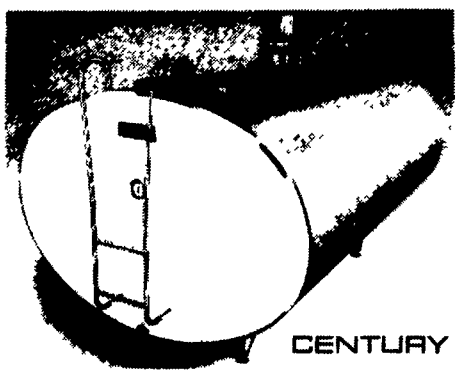

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State FFA Awards Keystone

(Continued from Page E12)

al forestry contest, Jeremy served on the silver medal winning team, and won the silver individually. Future plans include joining the marine reserves, enrolling in a two or four-year college, and entering the forestry profession as a wildlife technician.

Jason M. Drumm

Danville FFA'er Jason Drumm has served on various chapter committees, including greenhouse, citrus, banquet, and home improvement project. The son of Kay A. and Dale M. Drumm, Danville, Northumberland Co., Jason also served as the recreation officer for the chapter. He has obtained the Greenhand and Chapter degrees. In the future, he plans to be a contractor.

James A. Dopp

Four years of on-farm work experience have occupied the time of James Dopp, four-year Williamsburg FFA member. Son of Mr. and Mrs. Herbert Dopp, Williamsburg, Blair Co., James has obtained the Greenhand and Chapter degrees.

James M. Dulaney

James M. Dulaney, four-year Waynesburg FFA member, has experience on several FFA projects, including sheep, show steers, and pigs. He has also served on the initiation committee. The son of Mrs. and Mrs. James Dulaney, Waynesburg, Greene Co., James has served as student advisor, on the Western Leadership Conference, the Summer Conference, and the Conservation Leadership School. He plans to join the marines.

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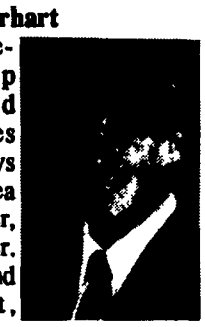
Ben Ehrhart

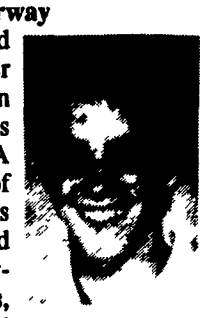


Wildlife management, membership development, and banquet committees are some of the ways Ben Ehrhart, Pequea Valley FFA member, has served his chapter. The son of Philip and Barbara Ehrhart, Narvon, Lancaster Co., Ben has served as Lancaster Co. secretary, chapter vice president, and placed first in the state aquatic resources competition. He was also a delegate at the state convention and received the Red Rose Degree.

Richard A. Erdman

A wide array of FFA project and work experience have occupied the time of Richard Erdman, a three-year member of the Middleburg FFA. He has been involved in various beef growing and finishing projects, in addition to work experience at Keister's Livestock Auction and a local radio station. He has served as chairman of alumni relations, state and national activities, scholarship committee, co-chair of the executive committee, and worked with the community service committee. Richard has also served as chapter secretary and vice president. The son of Rue Jr. and Mary Erdman, Middleburg, Snyder Co., Richard has won many honors, including the SUN Area land judging and public speaking, and first and second place in the SUN Area parliamentary procedure contest, and first in the regional parlaimentary procedure contest. He has received the Greenhand, Chapter, and SUN Area degrees. He will attend college and major in communications.

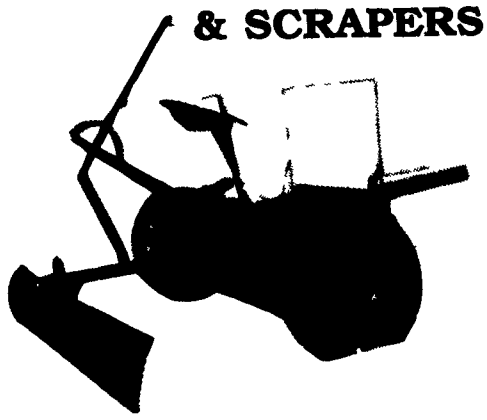
Jesse Erway



Various dairy herd and calf and heifer projects have been part of Jesse Erway's FFA experience. A four-year member of the Spud Growers FFA, Jesse has served as the safety chairperson for two years, and has been involved with beef and dairy calf projects, dairy judging, land judging, and parliamentary procedure teams. The son of Dana and Ginger Erway, Coudersport, Potter Co., Jesse has also participated in the ag salesmanship, public speaking, creed, and dairy show contests. He has served his chapter as reporter, secretary, and vice president, and has obtained the Greenhand, Chapter Far-

(Turn to Page E15)

FARM CARTS & SCRAPERS



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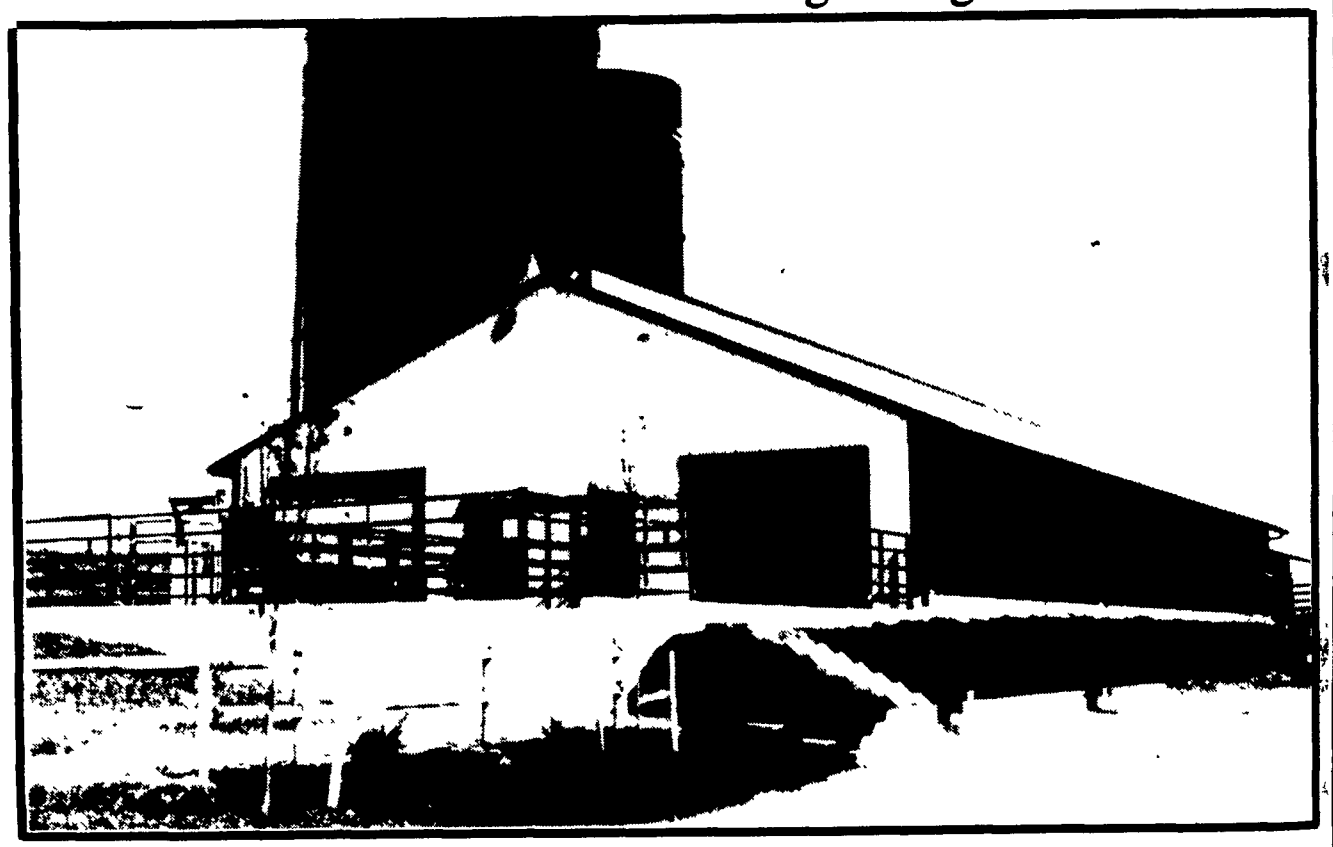
hall•mark \hôl-,märk\ *n.* 1: genuineness 2: a distinguishing characteristic



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State FFA Awards Keystone

(Continued from Page E14)

mer, and Star Farmer degrees. He plans a career in international ag business or dairy and animal science.

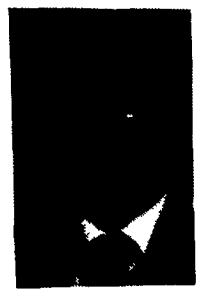
Shane C. Esbenshade

Four-year Grassland FFA Chapter member Shane Esbenshade has been involved in an array of FFA activities, including public relations, as chairman of the state and national activities, cooperation committee, and conduct of meetings. Shane served as chapter chaplain, and has been involved in other activities, including work for various companies. Shane, son of Robert and Elizabeth Esbenshade, New Holland, Lancaster Co., has been honored with the Proficiency Award, Diversified Crop Production Award, and participated in the county land judging contest, state land judging contest, and served on the FFA State Chorus. He plans to attend college or business school.

Corry Fenton

President of the Reynolds High School FFA Chapter, Corry Fenton has been an active member for four years, and was involved in the chapter's citrus sales. He has participated in local and state contests in land judging and poultry. Corry, son of Richard and Kathy Fenton, Greenville, Mercer Co., plans to attend a four-year nursing school for a BSN degree.

Mark A. Fernbaugh



Mark Fernbaugh, four-year member of the Bermudian Springs FFA, has served on the chapter's sandwich and banquet committees. He has participated in various fundraising committees, and attended the National FFA Convention in Kansas City, Mo., and at the state legislative and freshman leadership conferences. Mark, York Springs, Adams Co., has also participated at the Penn State FFA Activity Week, and has held the sentinel position in the chapter. He has garnered the Greenhand and Chapter degrees, and future plans are to work at a local florist.

Steven Findley

Steven Findley is the 18-year-old son of Kenneth and Katherine Findley, Holtwood. He has been a member of the Penn Manor FFA chapter for four years. His activities include sales and showing of dairy cattle, Ayrshires, at local fairs. His achievements have been demonstrated in dairy production and he wants to work at home on the family farm.

Rick Findley

Rick Findley is the 17-year-old son of Ken and Kathy Findley, Holtwood. Rick has been active in chapter sales and has been involved with the community fair where he won championships with his dairy entries and showmanship.

He has been the chairman of the green house project and is a Red Rose star. He plans to join the family farming operation.

Edward Fischer

This Bucks County Tech FFA'er has participated in the home garden show and served the chapter as sentinel and student advisor. Edward, son of Thomasina Fischer, Levittown, Bucks Co., was honored with the Star Agribusinessman Award, and plans to continue to run his landscaping business and possibly attend a four-year college.

(Turn to Page E16)

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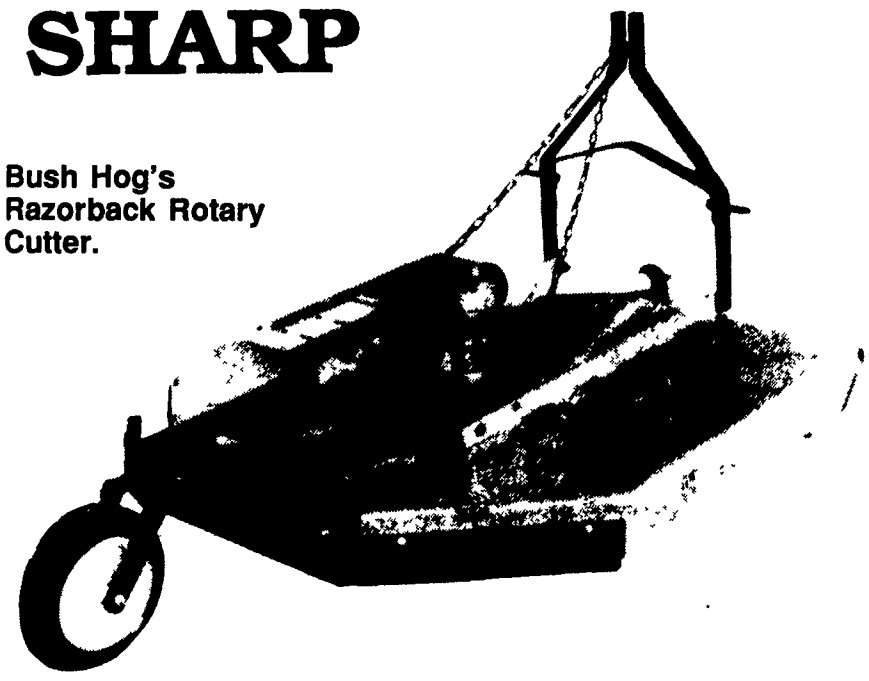

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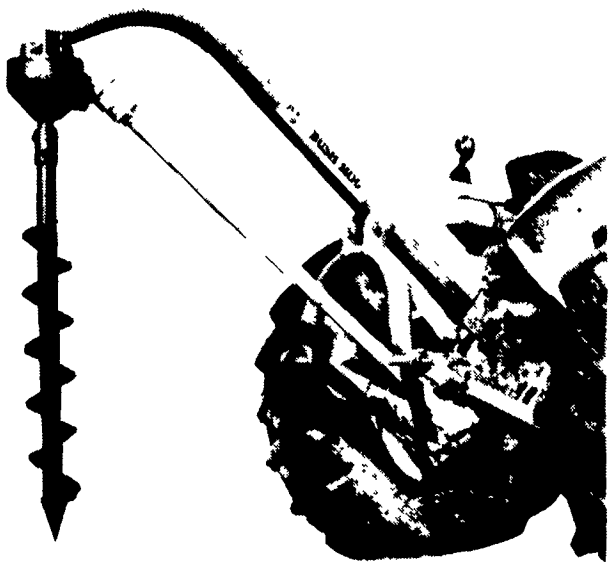
Bush Hog's 2101 model post hole digger.
or
Bush Hog's 2102 model post hole digger.
or
Bush Hog's 2103 model post hole digger.



Whether you're building or repairing fences, planting trees, or working construction, you can speed up your work by digging with the right post hole digger. Select from three dependable Bush Hog models. The 2101 utility model with 6- or 9-inch augers. The heavy-duty 2102 agricultural model with 6- to 24-inch augers. Or the 2103 industrial model with 6- to 24-inch augers, a higher gear ratio and a slip clutch. So dig it right. Choose Bush Hog.

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State FFA Awards Keystone

(Continued from Page E15)

Terry Foust

A host of projects marked the time spent by four-year Spud Growers FFA member Terry Foust. Terry, Coudersport, Potter Co., has been involved as chairman of the decorating, dance, and BOAC committees, and has served on the sodding committee.

Terry has also served as sentinel, chaplain, vice president, and president of the chapter, and has placed in the state creed contest. Terry also was honored with the Star Greenhand and Star Agribusinessman degrees, and picked up the Home Improvement Proficiency Award, turf and landscape first place award, and was the citrus sale winner. Terry was also honored with the Star Greenhand-Agribusiness Award and served on the parliamentary procedure team. Terry plans to attend the University of Pittsburgh and obtain a master's degree in physical theraphy.

Robert Fredd

Robert Fredd's future plans include obtaining a Ph.D in animal nutrition from Oklahoma State University and managing a 250-cow dairy farm — plans fostered by his involvement on various dairy herd and other activities in Penns Valley FFA. The son of Mike and Evelyn Fredd, the four-year FFA member has served on the area contest and BOAC committees, in addition to the parliamentary procedure team. Robert has been honored with the Star Greenhand and Chapter degrees, and has served as chapter sentinel.

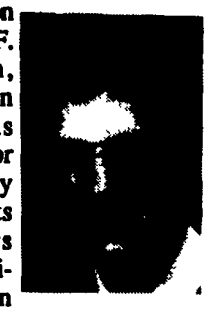
Roger Funck

Roger Funck has been involved in various FFA projects for Northern Lebanon FFA, including goat breeding, farm safety, FFA banquet, citrus sales, and fundraising committees. Roger, son of Gary and Elaine Funck, Annville, Lebanon Co., served as assistant treasurer and student advisor, and has received a first place in the state project book and placement in the ag production contests. Roger has also obtained the Greenhand, Chapter, and County degrees. He plans to work on his grandfather's farm during the summer and then apply to a paid fire department.

Christopher L. Gardner

Various FFA activities, including on- and off-farm work experience, have taken the time from Christopher Gardner, son of Glenn and Donna Gardner, Beavertown, Snyder Co. This four-year West Snyder FFA member has also raised beef and dairy animals in FFA, and served on the Food for America, citrus, banquet, and dairy calf ring committees. Christopher has also served as chapter sentinel, president, and treasurer. He has received the Greenhand, Chapter, and Area degrees, and the Proficiency and Star Greenhand awards. Plans include becoming a dairy farmer after graduation.

Lewis Gardner III



Lewis Gardner, son of Lewis and Lois F. Gardner, Galeton, Potter Co., has been involved in various dairy judging, tractor driving, and dairy management projects at the Headwaters FFA. He has participated in the Penn State leadership contest and was a chapter delegate to the national convention. Lewis also served as co-chairman of the citrus committee, co-chair of tractor driving committee, and served as sentinal of the county. He served also on the chapter's BOAC committee and received the chapter safety award. Other honors include the Greenhand and Chapter Farmer degree. He plans to manage the family dairy farm, Gardner Glen Farm.

(Turn to Page E25)

FFA

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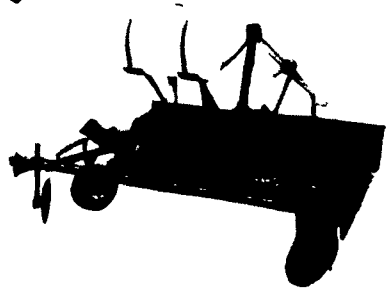

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Pennsylvania Farm Show
January 11-16, 1992
Farm Show Complex
Harrisburg, Pennsylvania

Dear Friends of Agriculture:

I would like to extend this cordial invitation to you and your family to attend the 76th Pennsylvania State Farm Show in Harrisburg, January 11-16. Agriculture is the pride of Pennsylvania and the Farm Show is the pride of Pennsylvania Agriculture.

Pennsylvania has good reason to be proud of its agricultural community, the leading force in our economy for 300 years. Our 53,000 farm families are some of the most productive in the world. Cash income from farm marketings in 1990 was $3.78 billion, a six percent increase over the previous year. Agricultural exports from the Keystone State were up again last year and now total $315 million annually.

In addition, agriculture stimulates $38 billion in economic activity and provides jobs for 20 percent of the state's workforce. The incredible efficiency and productivity of Pennsylvania's farmers and agribusinesses have kept the industry number one.

The Farm Show is part of Pennsylvania's rich agricultural heritage. Not only is it the premier showcase of this great industry, it's also the largest indoor agricultural exposition in the country, and it's free!

As an educational forum, the Farm Show has been instrumental in keeping farmers and consumers abreast of advances made in agriculture. As a marketing forum, the show gives farmers a chance to compare equipment, services and supplies, while providing agribusiness with an opportunity to develop new markets. As a social and planning forum, it offers agricultural organizations a perfect location to meet during the week to discuss key issues and plan for the future.

The State Farm Show is committed to exhibiting the best that agriculture has to offer and exhibitors will be handsomely rewarded for their efforts this year. To attract top quality agricultural products and livestock, a record $198,266 in premiums is being offered this year. The Farm Show has come a long way since 1917, with $735 in premiums and 440 entries.

This year's show is geared toward family more than ever. The show opens to the general public on Saturday instead of Sunday for the first time in its 75-year history. It closes on Thursday instead of Friday.

The schedule has been totally revised for this show because of the change in days. If you are involved in competition or you have a favorite breed you like to see judged, please check the new schedule.

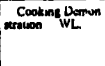
I hope you will be able to join us this year as we pay tribute to our number one industry and the farm families who keep it number one.

Sincerely,

Boyd E. Wolff
Secretary of Agriculture

1992 Farm Show Judging Schedule

(Judging events only on Thursday and Friday. Show opens on Saturday, January 11, 1992.)

Time	Thursday Jan. 9	Friday Jan. 10	Saturday Jan. 11	Sunday Jan. 12	Monday Jan. 13	Tuesday Jan. 14	Wednesday Jan. 15	Thursday Jan. 16
8 a.m.		7 a.m.-Judging: Live Poultry-LA Judging: Apiary Products-LA; Corn-EL; Edible Nuts-EL, Family Living & 4-H Opportunities - LAL, Fruit-EL	Judging Draft Horses Belgian, Clydesdale followed by Percheron-LA	Judging: Eggs-LAL; Dressed Poultry-WL	Judging Beef Cattle (in order), Ring 1, Polled Hereford, Limousin & Charolais; Ring 2, Simmental & Angus-LA. Sheep Judging (in order). Shropshire & Cevios-SA.	Judging Dairy Cattle: Guernsey, Brown Swiss & Milking Shorthorn-LA; Junior Sheep Breeding Classes (in order) Cheviot, Cotswolds, Dorset, Hampshire, Merino, Rambouillet, Shropshire, Southdown, Suffolk, Montadale, Columbia & Oxford-SA. 8:30 a.m.-4 p.m.-Ve-Ag Demonstration-LAU.	8-11 a.m.-Ve-Ag Demonstration-LAU: 8:30 a.m.-Junior Breed Breeding Contest (in order): Angus, Charolais, Chianina, Limousin, Hereford, Polled Hereford, Shorthorn & Simmental-LA. Junior Market Swine Classes-SA	8:30 a.m.-Dairy Goat Judging (in order) Alpine, LaMancha, Nubian, Toggenburg, Other Purebreds & Recorded Grades-LA.
9 a.m.		Judging Vocational Horticulture LAL, Swine (in order), Berkshire, Chester White, Duroc, Hampshire, Landrace, Poland China, Spotted & Yorkshire-SA Tobacco-WL, 9:30 a.m.-Judging Vegetables-WL	9:30 a.m. - Supreme Champion Swine-SA	Judging, School Exhibits-LAL, Sheep (in order) Dorset, Hampshire, Southdown, Suffolk SA.	9:30 a.m.-Ve-Ag Demonstration-LAU	Judging, Carcass Lamb On-Rail (offsite), 9:30 a.m.-Junior Market Lamb Classes followed by Junior Lamb Showmanship Contest-SA. Judging Dairy Cattle Holstein-LA.		4-H Potato Grading & Identification - MS.	
10 a.m.		Judging Hay-WL	Swine Sales (in order) Duroc, Hampshire Landrace, Yorkshire, Spotted Swine Poland China, Chester White, Berkshire-SA, Blue Ribbon Apple Pie Contest LAU	Non-Denominational Worship Service.				Sale of Champions-SA.
11 a.m.			Cooking Demonstration - WL 11:30 a.m.-Supreme Champion Draft Horse LA 11:45 a.m.-Youth Showmanship for Draft Horses LA	Governor's Review-LA	Cooking Demonstration-WL, Sheep Supreme Champion, Meat Breeds-SA.	Cooking Demonstration - WL, Judging Dairy Cattle, Ayrshire & Jersey-LA.	Cooking Demonstration - WL.	11:45 a.m. - Junior Market Swine Sale-SA
Noon	Judging Maple Syrup Products-EL.	Judging: Christmas Trees-ML, Small Grains-EL 12:30 p.m. - Potatoes WL		Mummers Quaker City String Band-LA.			Junior Beef Steer Classes-LA	
1 p.m.			Cooking Demonstration WL.	Cooking Demonstration - WL, Cart Classes-LA, 1-6 p.m.-Draft Horse Hitched Competition LA	Junior Shepherd's Contest-SA. Cooking Demonstration-WL.	Cooking Demonstration WL.	Cooking Demonstration-WL.	Junior Market Lamb Sale SA
2 p.m.			Judging Eggs-LAL Greatest Cocoa Cake, Cookie Contest LAU 2-4 p.m.-Rodeo by PA High School Rodeo Association-LA.			3:30 p.m. - Supreme Champion of Dairy Breeds-LA.		Junior Steer Sale-SA
3 p.m.			Cooking Demonstration WL.	Intermission Duquesne University Tamburitzans-LA Cooking Demonstrations WL.	Cooking Demonstration - WL 3:30 p.m.-Beef Supreme Champion LA		Junior Swine Showmanship Contest-SA Wool Judging-WL, Cooking Demonstration-WL. 3:15 p.m.-Grand Champion Steer-LA. 3:45 p.m.-Junior Beef Showmanship Contest-LA.	
4 p.m.		Judging Mushrooms-WL	4:30-5:30 p.m.-Cumberland Co 4-H Club Drill Team LA	Team Classes-LA.	4:30-6 p.m. - Entertainment - LA	4:30 p.m. - Championship Horse Pulling Contest (in order) Lightweight, 6-Horse Hitch, & Heavyweight-LA		1992 Farm Show Ends.
5 p.m.		Carcass Lamb Live Evaluation-SA.	Cooking Demonstration - WL	Cooking Demonstration WL.	Cooking Demonstration-WL, 5-7 p.m.-11th Sheep To Shawl Contest-SA	Cooking Demonstration-WL.	Sheep Judging (in order). Rambouillet, Corriedale, Merino-SA; Cooking Demonstration-WL.	
6 p.m.		Judging: Rabbits-LAU	6-8 p.m.-Rodeo-PA High School Rodeo Association-LA.			Dairy Fun Night-SA: Secretary of Agriculture's Welcome and Awards Presentation-SA	State Champion Pony Pulling Contest (in order) Lightweight, Middleweight & Heavyweight Divisions-LA	
7 p.m.				Cooking Demonstration-WL.		Cooking Demonstration-WL: 7-9 p.m.-Folk Dance Festival & Contest-LA	Cooking Demonstration-WL.	Cooking Demonstration-WL.
8 p.m.						Auction of Shawls-SA Intermission Dance Demonstration		Supreme Champion Sheep, Wool Breeds-SA.

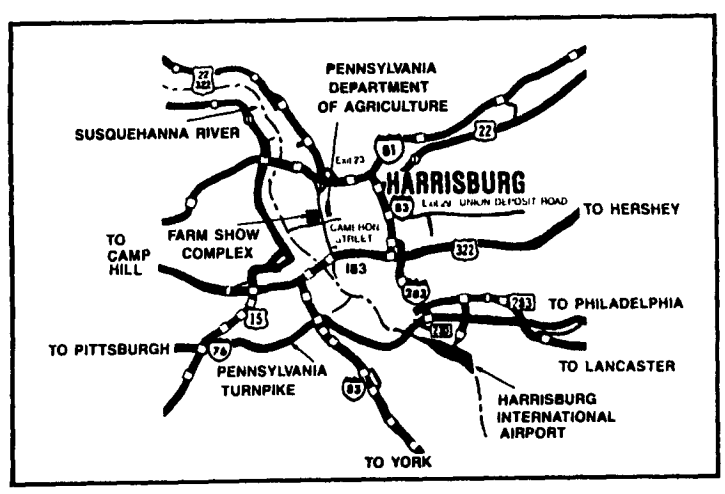
Exhibition And Meeting Schedule

Time	Saturday Jan. 11	Sunday Jan. 12	Monday Jan. 13	Tuesday Jan. 14	Wednesday Jan. 15	Thursday Jan. 16
9 a.m.		9:30 am-Pa. Suffolk Sheep Association, Room A-1	Society of Farm Women of Pa., Annual Convention, Forum Building	9:30 am-Ag Advisory Committee, Room B	4-H Potato Grading & Identification, Room E	
10 a.m.				10:45 am-Master Farmers Association, Annual Meeting, Penn Harris Motor Inn	Pa. Nut Growers Association, Room C	
11 a.m.				Commercial Exhibitors Meeting, Room E 11:30 am-Pa. Flying Farmers, Room A-1		
Noon			Master Gardners, Room D 12:30 pm-Pa. State Grange, Room B	Pennsylvania FFA, Mid-Winter Convention, Forum Building Pa. Brown Swiss Association, Room D Dairy of Distinction, Room E		
1 p.m.				Pa. Horse Pullers Meeting, Room B Master Corn Growers, Room C	Pa. Maple Producers Council, Room D	
2 p.m.	Draft Horse & Mule Association, Room B	Pa. Cattlemens Association, Room A-1		Pa. Livestock Association, Room E	Pa. Pony Pullers Meeting, Room A-1	
3 p.m.				Pa. Farm-City Council, Room A-1 Pa. Ayrshire Breeders Association, Room D		Dauphin County Master Gardners, Room A-1
5 p.m.				5:30 pm-Pa. Foundation Seed Co-operative, Room A-1		
6 p.m.	Annual Farm Show Reception & Dinner, Harrisburg Hilton & Towers			Pa. Dairymen's Association Annual Meeting & Banquet, Sheraton Harrisburg East Pa. Co-operative Potato Growers, Annual Banquet, Sheraton Harrisburg East		
7 p.m.				7:30 pm-Pa. State Rabbit Breeders Association, PA Room, Upper Concourse		

NOTE: Meeting Rooms A-1, B, C, D and E are on the Second Floor over the Main Lobby.

KEY:
E East Building, ML Main Lobby
EC Entire Complex, MS 2nd Floor Main Building
EL East Lobby, N North Building
LA Large Arena, NW Northwest Building
LAL Large Arena, O Outside Exhibits
Lower Concourse, SA Small Arena
LAU Large Arena, W West Building
Upper Concourse, WL West Lobby
M Main Building

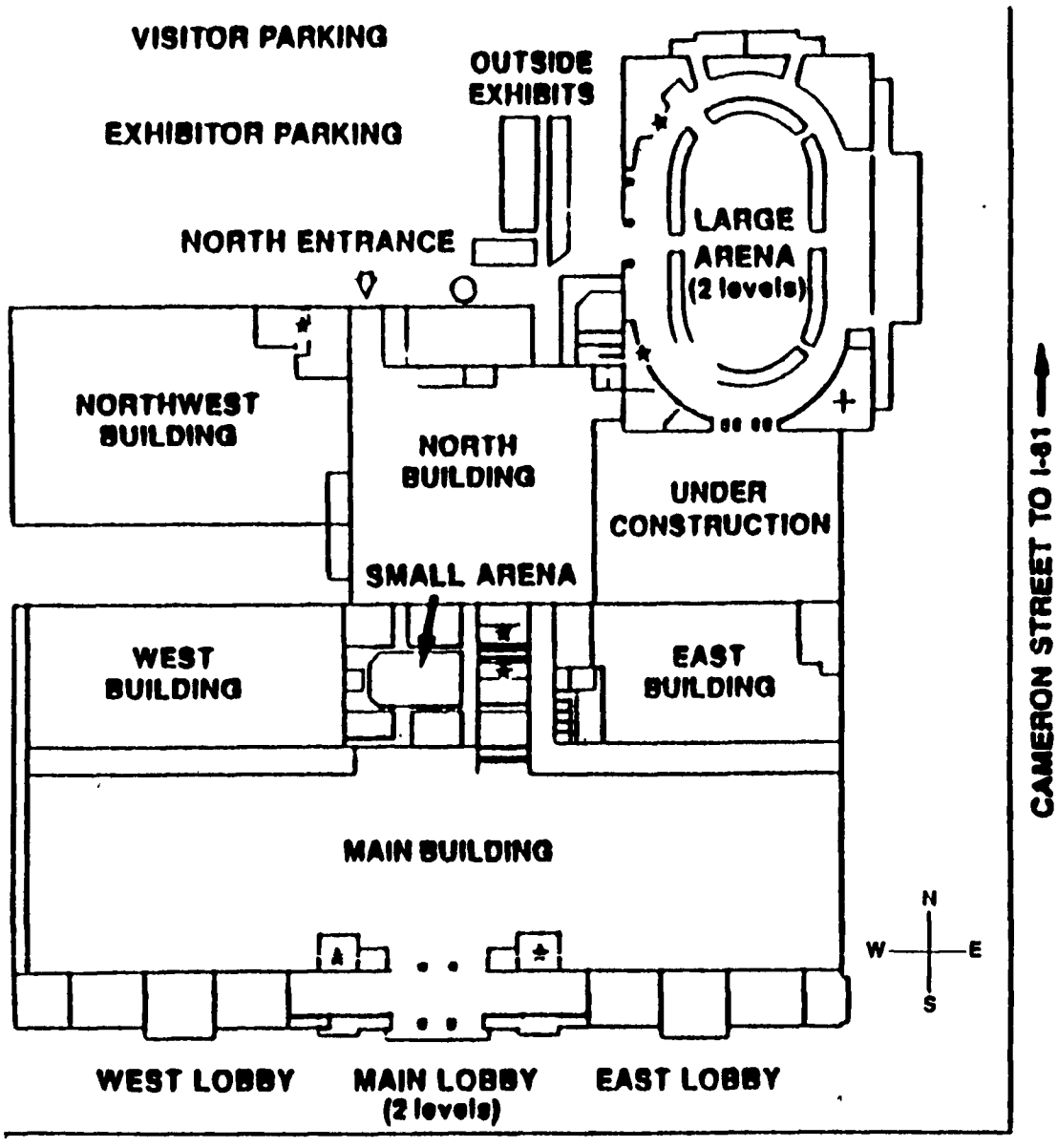
All Roads Lead To The Farm Show



Farm Show Complex

KEY

E	East Building
EC	Entire Complex
EL	East Lobby
LA	Large Arena
LAL	Large Arena, Lower Concourse
LAU	Large Arena, Upper Concourse
M	Main Building
ML	Main Lobby
MS	2nd Floor, Main Building
N	North Building
NW	Northwest Building
O	Outside Exhibits
SA	Small Arena
W	West Building
WL	West Lobby
+	Emergency Medical Services
★	Restrooms



General Information

* **Dates** are Saturday, January 11 through Thursday, January 16, 1992.
* **Hours** are 8 a.m. to 9 p.m. on Saturday, 11 a.m. to 6 p.m. on Sunday, 8 a.m. to 9 p.m. Monday through Wednesday, 8 a m. to 4 p.m. Thursday.
* **Admission** is FREE for all events during Farm Show Week.
* **The Farm Show Complex** is located along Cameron and Maclay Streets in Harrisburg, just off Exit 23 of Interstate 81 Other major arteries also lead to the Complex.
* **Parking** is available on the 60-acre site for $2 per vehicle Overflow parking is offered at the Harrisburg Area Community College (HACC).
* **Shuttle bus service** will be provided from the Harrisburg Area Community College to the Farm Show Complex by Capitol Area Transit. The fee is 60 cents per passenger each way.
* **Handicapped Parking and access areas** are located at the West Circle, North Entrance and Large Arena
* **Restrooms** are located throughout the Farm Show Complex.
* **Coat Checks** are located in the Main Lobby and Large Arena. The fee is 50 cents per item.
* **Information booths** are located throughout the Complex If you can't find a display or need the starting time of an event, just stop by one of the six booths.
* **Security** during the Farm Show is provided by the Pennsylvania State Police, Farm Show Security and contracted security services
* **Lost & Found Items** are kept in the Farm Show Security Office, located in the corridor between the Main and North Buildings
* **Food** is available throughout the Complex. The commodity food booths are now located in the East Building With seating for 600 people, the Cafeteria on the 2nd floor of the Main Building offers complete meals and alacarte items
* **The Emergency Medical Services Room** with doctors, nurses and ambulance attendants is located on the Lower Concourse of the Large Arena
* **Public pay telephones** are available throughout the Farm Show Complex.
* **The Director's Office and Press Room** are located on the Second Floor over the Main Lobby

Schedule Of Events

LOCATION OF DAILY ATTRACTIONS
Saturday through Thursday

Apiary Products - EL, Baby Chicks - LAL
Beef Cattle - NW, Butter Sculpture - ML
Cafeteria - MS, Cooking Demonstrations - WL
Christmas Trees - ML
Commercial & Educational Exhibits - E,LAL,LAU,M,N,O
Corn - EL, Dairy Cattle - N, Dressed Poultry - WL
Family Living Exhibits - LAL
4-H & Vo-Ag Exhibits - LAL,LAU, Fruits - WL
Goats (Thursday only) - LAL, Hay - WL, Horses - NW
Maple Products - EL, Milking Parlor - N
Mushrooms - WL, Older Pennsylvanian's Center - ML
Pennsylvani Food Court - E
Pennsylvania Food Pantry - WL, Poultry - LAL
Rabbits - LAU, Sheep - W, Small Grains - EL
Snack Bars - EC, Souvenirs - EC, Swine - W
Vegetables - WL, Wool - WL

THURSDAY, JANUARY 9, 1992
(Judging Only - Show Closed To The Public)
12 Noon- Judging: Maple Syrup Products - EL

FRIDAY, JANUARY 10, 1992
(Judging Only - Show Closed To The Public)
7 AM- Judging: Live Poultry - LA
8 AM- Judging: Apiary Products - EL
8 AM- Judging: Corn - EL
8 AM- Judging: Edible Nuts - EL
8 AM- Judging: Family Living & 4-H Opportunities - LAL
8 AM- Judging: Fruit - EL
9 AM- Judging. Vocational Hoticulture - LAL
9 AM- Swine Judging (in order): Berkshire, Chester White, Duroc, Hampshire, Landrace, Poland China, Spotted & Yorkshire - SA
9 AM- Judging: Tobacco - WL
9:30 AM- Judging: Vegetables - WL
10 AM- Judging: Hay - WL
12 Noon- Judging: Christmas Trees - ML
12 Noon- Judging· Small Grains - EL
12 30 PM- Judging· Potatoes - WL
4 PM- Judging: Mushrooms - WL
5 PM- Carcass Lamb Live Evaluation - SA
6 PM- Judging. Rabbits - LAU

SATURDAY, JANUARY 11, 1992
"Family Day"
8 AM-9 PM- DAILY ATTRACTIONS (see list) - EC
8 AM- Draft Horse Judging Belgian - LA
8 AM- Draft Horse Judging· Clydesdale followed by Percheron - LA
9 30 AM- Supreme Champion Swine - SA
10 AM- Swine Sale (in order): Duroc, Hampshire, Landrace, Yorkshire, Spotted Swine, Poland China, Chester White, Berkshire - SA
10 AM- Blue Ribbon Apple Pie Contest - LAU
11 AM- Cooking Demonstration - WL
11:30 AM- Supreme Champion Draft Horse - LA
11:45 AM- Youth Showmanship for Draft Horses - LA
1 PM- Cooking Demonstration - WL
2 PM- Judging: Eggs - LAL
2 PM- Greatest Cocoa Cake and Cookie Contest - LAU
2-4 PM- Rodeo - Pennsylvania High School Rodeo Association - LA
3 PM- Cooking Demonstration - WL
4 30-5.30 PM- Cumberland County 4-H Club Drill Team - LA
5 PM- Cooking Demonstration - WL
6-8 PM- Rodeo - Pennsylvania High School Rodeo Association - LA
7 PM- Cooking Demonstration - WL

SUNDAY, JANUARY 12, 1992
"Governor's Day"
8 AM- Judging: Eggs - LAL
8 AM- Judging: Dressed Poultry - WL
9 AM- Judging: School Exhibits - LAL
9 AM- Sheep Judging (in order): Dorset, Hampshire, Southdown, Suffolk - SA
10 AM- Non-Denominational Worship Service
11 AM-6 PM- DAILY ATTRACTIONS (see list) - EC
11 AM- Governor's Review - LA
12 Noon- Mummers - Quaker City String Band - LA
1 PM- Cooking Demonstration - WL
1-6 PM- Draft Horse Hitched Competition - LA
1 PM- Cart Classes - LA
3 PM- Intermission - Duquesne University Tamburitzans - LA
3 PM- Cooking Demonstrations - WL
4 PM- Team Classes - LA
5 PM- Cooking Demonstration - WL

MONDAY, JANUARY 13, 1992
"Agricultural Heritage Day"
8 AM-9 PM- DAILY ATTRACTIONS (see list) - EC
8 AM- Beef Cattle Judging (in order): Ring 1 - Polled Hereford, Limousin & Charolais; Ring 2 - Simmental & Angus - LA
8 AM- Sheep Judging (in order): Shropshire & Cheviots - SA
9.30 AM-4 PM- Vo-Ag School Demonstration - LAU
11 AM- Cooking Demonstration - WL
11 AM- Sheep Supreme Champion, Meat Breeds - SA
1 PM- Junior Shepherd's Contest - SA
1 PM- Cooking Demonstration - WL
3 PM- Cooking Demonstration - WL
3 30 PM- Beef Supreme Champion - LA
4:30 AM-6 PM- Entertainment - LA
5 PM- Cooking Demonstration - WL
5-7 PM- 11th Annual Sheep to Shawl Contest - SA
8 PM - Auction of Shawls - SA
7 PM- Cooking Demonstration - WL
7-9 PM- Folk Dance Festival & Contest - LA
8 PM- Intermission: Dance Demonstration

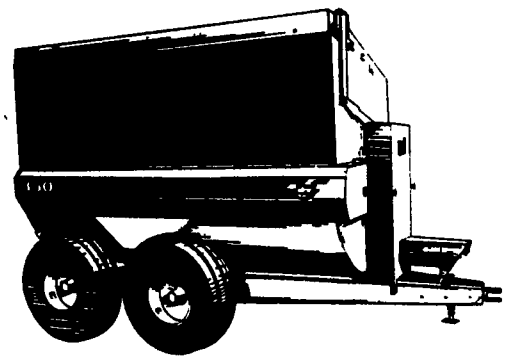
TUESDAY, JANUARY 14, 1992
"Dairy Day"
8 AM-9 PM- DAILY ATTRACTIONS (see list) - EC
8 AM- Dairy Cattle Judging: Guernsey, Brown Swiss & Milking Shorthorn - LA
8 AM- Junior Sheep Breeding Classes (in order): Cheviot, Corriedale, Dorset, Hampshire, Merino, Rambouillet, Shropshire, Southdown, Suffolk, Montadale, Columbia & Oxford - SA
8:30 AM-4 PM- Vo-Ag School Demonstration - LAU
9 AM- Judging: Carcass Lamb On-Rail (off-site)
9:30 AM- Junior Market Lamb Classes followed by Junior Lamb Showmanship Contest - SA
9:30 AM- Dairy Cattle Judging: Holstein - LA
11 AM- Cooking Demonstration - WL
11 AM- Dairy Cattle Judging: Ayrshire & Jersey - LA
1 PM- Cooking Demonstration - WL
2:30 PM- Supreme Champion of Dairy Breeds - LA
3 PM- Cooking Demonstration - WL
4 30 PM- Championship Horse Pulling Contest (in order): Lightweight Horse Pulling, 6-Horse Hitch, Heavyweight Horse Pulling - LA
5 PM- Cooking Demonstration - WL
6 PM- Dairy Fun Night - SA
6 PM- Secretary of Agriculture's Welcome and Awards Presentation - SA
7 PM- Cooking Demonstration - WL

WEDNESDAY, JANUARY 15, 1992
"Youth Day"
8 AM-9 PM- DAILY ATTRACTIONS (see list) - EC
8-11 AM- Vo-Ag School Demonstration - LAU
8:30 AM- Junior Beef Breeding Contest (in order): Angus, Charolais, Chianina, Limousin, Hereford, Polled Hereford, Shorthorn & Simmental - LA
8:30 AM- Junior Market Swine Classes - SA
9 AM- 4-H Potato Grading & Identification - MS
11 AM- Cooking Demonstration - WL
12 Noon- Junior Beef Steer Classes - LA
1 PM- Cooking Demonstration - WL
3 PM- Junior Swine Showmanship Contest - SA
3 PM- Wool Judging - WL
3 PM- Cooking Demonstration - WL
3:15 PM- Grand Champion Steer - LA
3:45 PM- Junior Beef Showmanship Contest - LA
5 PM- Sheep Judging (in order): Rambouillet, Corriedale, Merino - SA
5 PM- Cooking Demonstration - WL
6 PM- State Championship Pony Pulling Contest (in order): Lightweight, Mediumweight & Heavyweight Divisions - LA
7 PM- Cooking Demonstration - WL
8 PM- Sheep Supreme Champion, Wool Breeds - SA

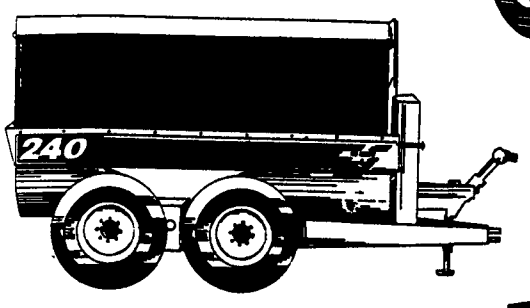
THURSDAY, JANUARY 16, 1992
"Sale of Champions Day"
8 AM-4 PM- DAILY ATTRACTIONS (see list) - EC
8.30 AM- Dairy Goat Judging (in order): Alpine, LaMancha, Nubian, Toggenburg, Other Purebreds & Recorded Grades - LA
10 AM- Sale of Champions - SA
11:15 AM- Junior Market Swine Sale - SA
1 PM- Junior Market Lamb Sale - SA
2 PM- Junior Steer Sale - SA
4 PM- 1992 Farm Show Ends

NU HAWK® by IDEAL

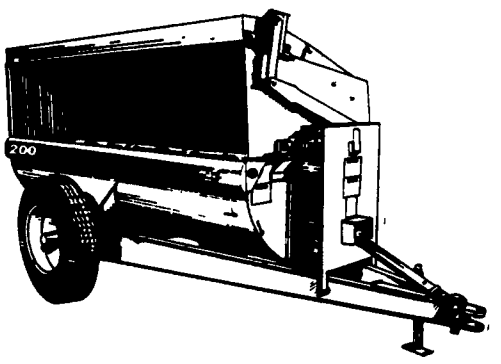
SPREADERS Choice!



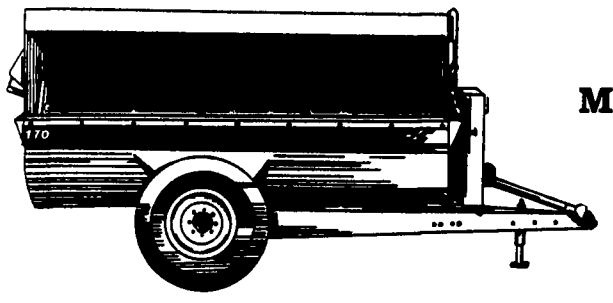
MODEL 350
10½ Ton Unit



MODEL 240
7 Ton
Unit



MODEL 200
6 Ton
Unit



MODEL 170
5 Ton
Unit

Four models... one just right for you!

Nu Hawk manure spreaders offer four ways to economically handle your fertilizing needs. Each model provides an option for any size operation at an "easy to handle" price.

So take your pick of the litter, and choose a spreader that offers a perfect fit when it comes to size, durability, and price: Nu Hawk by Ideal Industries.

Low-Cost
FUERST
F-L-E-X-I-B-L-E
TINE
HARROW

Original "Spreading Action"® tines give better coverage at much higher speeds. Adjusts without tools to provide the right penetration for a big variety of jobs!

PASTURES: Increases quality and quantity of feed from pastures. Aerates to stimulate growth and improve moisture penetration. Scatters droppings, reducing parasites. Prepares soil for overseeding without disturbing existing growth. Works in seed and fertilizer. Many owners report pasture yield increases of 15%.

HERBICIDE INCORPORATION: Independent research using black light photography proves the Fuerst Harrow behind your disk or cultivator gives you "near perfect" incorporation in one pass--better than implements costing several times more! Shreds trash as it prepares & levels seedbeds.

BROADCASTING SMALL GRAINS AND GRASSES: University of Illinois found overseeding by broadcasting followed by a Fuerst Harrow a superior combination, out-performing equipment costing more than 10 times as much. Pulled behind the broadcaster, it covers seed to desired depth in one time-saving operation.

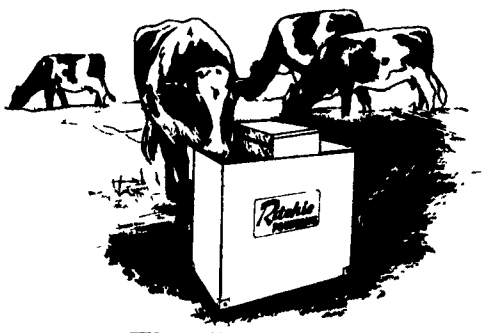
SHREDS STALKS: Shreds and spreads stalks in spring ahead of no-till and ridge-till planting.

4 to 42 ft. widths. Flexes to cover every inch at 6-8 mph. No maintenance. Easy to use and store. Insist on the original "Spreading Action"® tines.

Ritchie

Ritchie® 70 YEARS OF QUALITY PRODUCTS & SERVICE

WATER THAT WON'T QUIT.

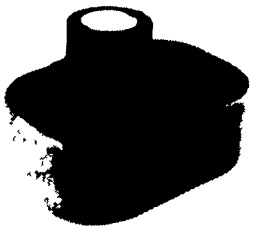


BE READY FOR COLD WINTER MONTHS!

The Farmer Can Relax When He Has A #3 Electric Cattle Waterer

Ritchie® WATER PRO ENERGY FREE!

MODEL S2
MULTI-PURPOSE
2 DRINK



MODEL C2
CATTLE 2 DRINK

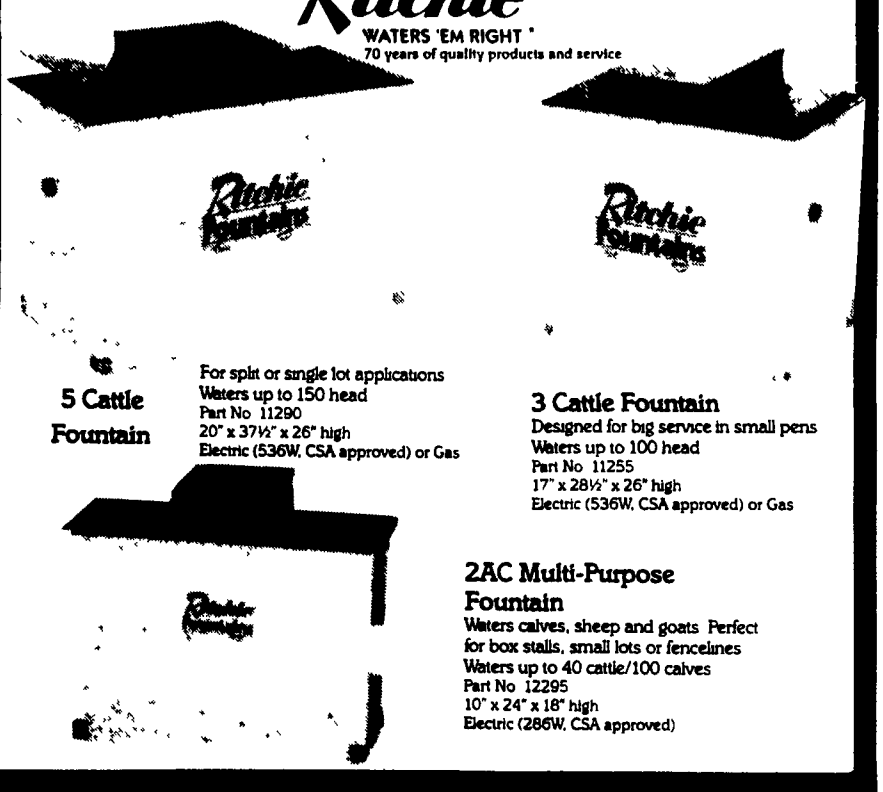
Recapping Your Ritchie® Fountains Makes Sense... And Saves Money!

If you own a Ritchie #3, #5 or #10 cattle or combination fountain, or a #48 or #84 Cattlemaster fountain, you can save up to 50% in energy costs! Just recap your existing fountain with a Ritchie Thermal Cover lid.

Thermal Cover lids float right on the water and are lined with extra insulation — up to 1½" thick — to reduce heat loss in winter and keep water cooler and prevent algae growth in the summer. And they're easy to install.

Just stop by and ask how you can save money with Ritchie Thermal Cover lids

RELAX..
Ritchie®
WATERS 'EM RIGHT
70 years of quality products and service



5 Cattle Fountain
For split or single lot applications
Waters up to 150 head
Part No 11290
20" x 37½" x 26" high
Electric (536W, CSA approved) or Gas

3 Cattle Fountain
Designed for big service in small pens
Waters up to 100 head
Part No 11255
17" x 28½" x 26" high
Electric (536W, CSA approved) or Gas

2AC Multi-Purpose Fountain
Waters calves, sheep and goats Perfect for box stalls, small lots or fencelines
Waters up to 40 cattle/100 calves
Part No 12295
10" x 24" x 18" high
Electric (286W, CSA approved)

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PA FARM SHOW
Jan. 11-16
Space 317 to 319
Aisle C, 3rd Floor

RYDER SUPPLY CO.

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Chambersburg, PA 17201-0219
Phone 717-263-9111

GLASBORD®
- GRADE B -
NO MORE PAINTING!

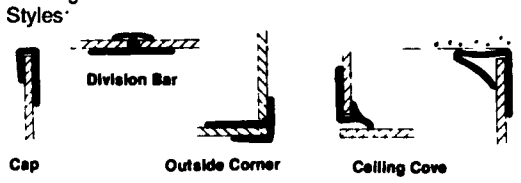
"Can't get your walls clean?"

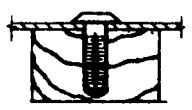
Kemlite's GLASBORD® frp wall panel cleans up easy!

- Moistureproof
- Shatterproof
- Will not rot or mildew
- Rustproof
- Stain resistant
- Cleans simply/quickly
- Dentproof
- Odorfree
- U.S.D.A. accepted

Glasbord panel is a tough, semi-rigid wall lining material of fiberglass reinforced plastic — superior to metal and painted finishes It installs easily in any type construction and is suitable for building new or refurbishing. Available in a variety of sizes, complete with all accessories Also available with low smoke development, fire retardant properties Ask about low smoke Fire-X Glasbord paneling

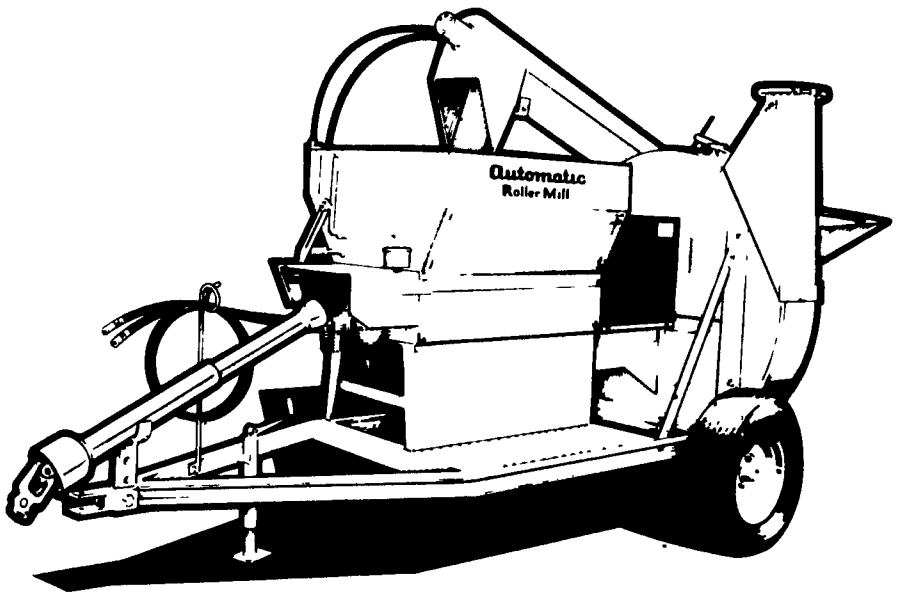
ACCESSORIES: Vinyl moldings are available They add to the finished appearance and aid in making a watertight installation.
Styles:





DRIVE RIVET
You can expand them into solid furring strips, masonry walls or any other rigid backing.

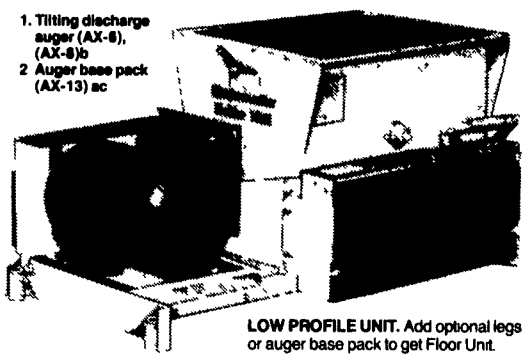
Automatic Hi-Volume ROLLER MILL for Hi-Volume Savings



Cut your processing cost, save time with an Automatic Hi-Volume Grain Blower Mill. Process up to 1800 bu. per hr. (shelled corn) milo, soybeans, small grain at any moisture level. Also available with big 11-inch tilting discharge auger reaches 10 feet for convenient delivery and lateral cross auger. Come in . . . let's talk.

Automatic LOW PROFILE MILL

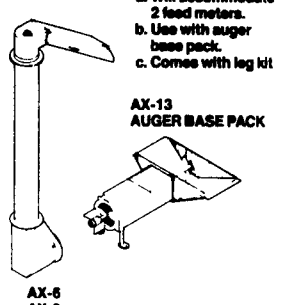
OPTIONS SHOWN:
1. Mill Motor
1. Tilting discharge auger (AX-6), (AX-8)b
2 Auger base pack (AX-13) ac



LOW PROFILE UNIT. Add optional legs or auger base pack to get Floor Unit.

AUGER OPTIONS:
a. Will accommodate 2 feed meters.
b. Use with auger base pack.
c. Comes with leg kit

AX-13 AUGER BASE PACK



AX-6 AX-8 TILTING DISCHARGE

This is our all-purpose roller mill low enough to mount under discharge outlets of storage structures options include a downspout for mounting overhead auger base pack when discharge auger is required. Discharge auger systems are available (see auger options) By using the next size larger motor you can power both mill and discharge auger with one motor Choose from tilting discharge augers to adapt to any angle you need Economical and versatile, this mill comes in three sizes, Models LPM 200, LPM 400 and LPM 600.

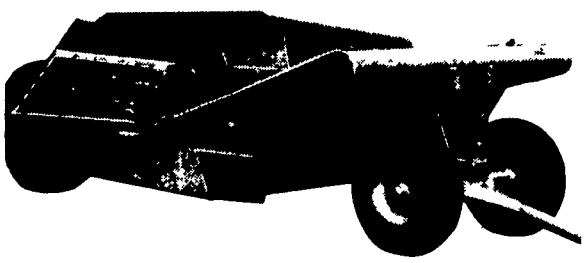
COMPLETE UNIT INCLUDES: Basic mill with fast-roll chain drive, tapered intake hopper, magnet grate, motor mount, belts, mill and motor pulleys.

Models LPM 200, LPM 400 And LPM 600

OPTIONS: Mill motor, system control timers, accessory hopper, flow control switch, discharge augers, leg kit, overhead kit, scale, meters and timers.

Automatic ✧ SOILMOVER

DO IT YOURSELF WITH A SOIL-MOVER



SCRAPE IT

With your tractor and a Soilmover, you can keep feedlots cleaner, handle manure easier even build a complete run-off system or manure-handling facility

LEVEL IT

The cheapest land you can buy is the land you save by eliminating low spots There's a Soilmover with precision cut and controlled spread for best results Laser capability provides pin-point accuracy Soilmover makes your land its level best

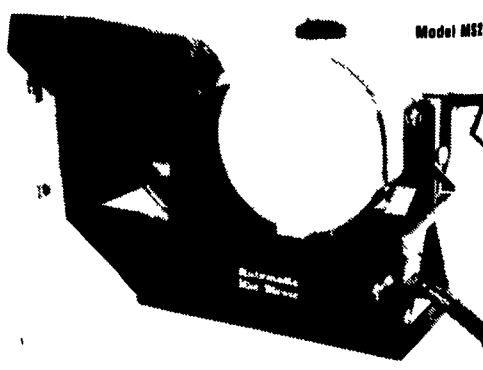
DAM IT

Create a dam as part of a run-off control program Build or repair terraces and do it all with your tractor and a Soilmover No one offers a more complete line of farm-size scrapers. Soilmover — the Problem Solvers.

Come See Us At The PA Farm Show!

Automatic SPRAYERS
MS MODELS — PTO UNITS
3-POINT UNIT

Here's the newest idea in economy sprayers. Compact, light-weight, with minimum power requirements to work with big jobs in small spaces The MS series operates efficiently with garden tractors and small diesels. 15-40 h p. It's ideal for acreages, nurseries, estates, parks and small truck farms. The MS is suited to a wide range of uses, but it's particularly adapted to mosquito and fly control. Polypropylene roller pump feeds the nozzles which eject chemical into jet stream produced by the centrifugal fan, creating a high-speed cloud of active ingredient. Available with 25-gallon tank. Operates from PTO (540 RPM). Category 1 3-point mount.



Many Other Models Available!

See These And Other Fine Products At Our Display At

PENNSYLVANIA FARM SHOW

January 11-16, Located At Booth 342-345, 358 & 359

We Look Forward To Seeing You!

Mayrath

Swing Away

Designed and built for longer lasting performance

CAPACITIES UP TO
*3200 Bushels/hr for 8" Auger
*5500 Bushels/hr for 10" Auger
*Capacities will be reduced for high moisture grain

"Working Harder So You Won't Have To!"

- ONE PERSON CAN POSITION FROM TRACTOR SEAT
- HYDRAULIC LIFT POSITIONS AUGER MUCH FASTER THAN TIME CONSUMING HAND CRANKING
- DIRECT DRIVE ELIMINATES MANY WEAR POINTS
- EXTRA VALUE — CLEANER GRAIN/CORN SCREENS ARE AVAILABLE ON ALL SWING AWAY MODELS

"Quality Conveying Equipment For Over 30 Years"

MAYRATH BALE MOVERS

40% STRONGER

8 FT. MID JOINT W/ CHAIN

16 ft Hay Loft Conveyor Hinges up and down

HANDLES LIKE A LADDER

$218.50

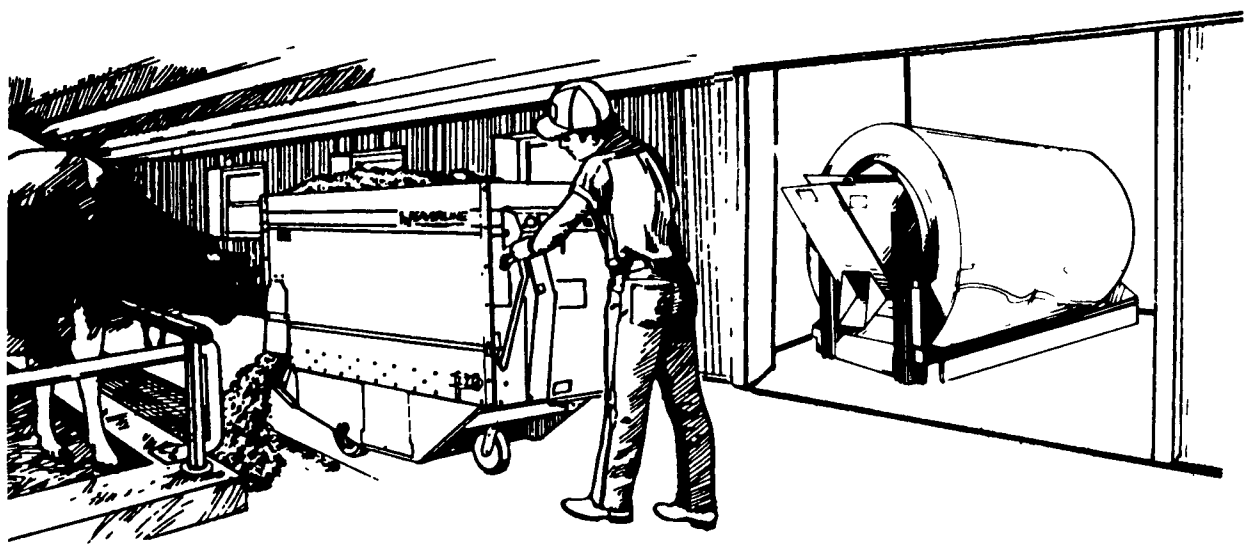
Shown Less Belt Guard

16 ft Bale Mover
- Light, easy to handle — 7 pounds per foot
- Each section is 24 inches wide (full 22 inches inside width) by 12 inches deep, and trussed like a bridge
- Chain may be run in either direction
- 2 ft or 8 ft mid joints available to make any length desired

ALL PURPOSE DOUBLE CHAIN CONVEYOR

SHOWN WITH OPTIONAL EQUIPMENT

Feed TMR *Fast*



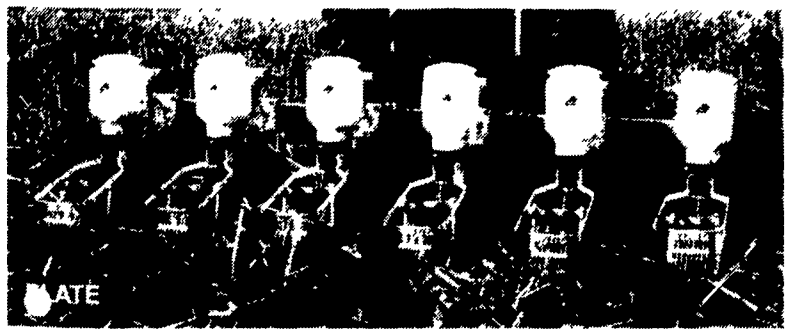
with a *Weaverline* Cart and a Stationary Mixer

If you want to feed TMR in a tie stall barn, be sure to consider a stationary mixer and a Weaverline Cart. Why? Because in most cases it takes a lot less time than a mixing cart.

See It At PA Farm Show

Buffalo® SLOT PLANTER

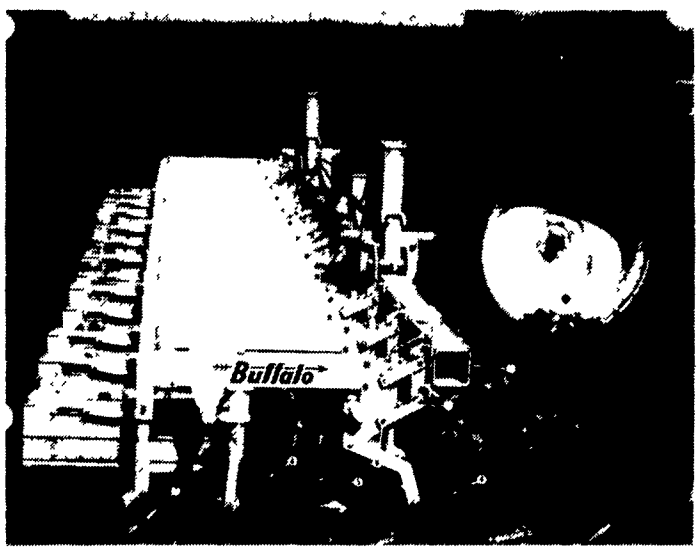
Computerized Drive



The Planter You Need with the Options You Want
- Computerized, Center or Unit Drive
- Plateless or Plate
- Chisel-Point or Extended Slot Shoe
- Mounted or Pull-Type
- Till Planter Conversion Kit
- Folding or Non-Folding Bar
- Herbicide and/or Insecticide
- Liquid and/or Dry Fertilizer
- Cover Disks or Cover Wheels
- Hydraulic Row Markers

Advantages of BUFFALO Slot Planting:
- Less Soil Erosion
- Reduced Labor
- Less Fuel Used
- Lower Machinery Costs
- More Moisture Saved
- Less Compaction
- Better Crop Stands
- Earlier Harvest during wet periods

Buffalo® CULTIVATOR



Nothing Works Harder Than A Buffalo!

1. Higher tool bar for improved clearance
2. Wider, longer and tougher parallel linkage
3. Self-locking screw jacks instead of cranks
4. Specially designed, semi-pneumatic tires
5. Disk hillers with longer-lasting tapered roller bearings
6. Stabilizer disks with eccentric bushings for in-field alignment
7. Large single sweep with adjustable pitch
8. Unique bushings and bearings only need greasing once every 100 row acres (or once or twice a season)

Your farm is unlike anyone else's Your conditions and your needs are your own That's why the Buffalo Cultivator comes in 2-16 row models with more options than anyone else can offer
- Spring trip model also available
- Liquid and NH_3 fertilizer application kits
- Insecticide application kits
- Heavy duty lift assist wheel
- Available with 180-degree folding tool bar
- Open-top or hooded crop shields
- Patented, adjustable ridging wings
- Markers for bedding or ridging available
- Quick-hitch Scout guidance system

BUILT Buffalo® TOUGH TO WORK BETTER AND LAST LONGER

Go With The Leader. Go Buffalo®

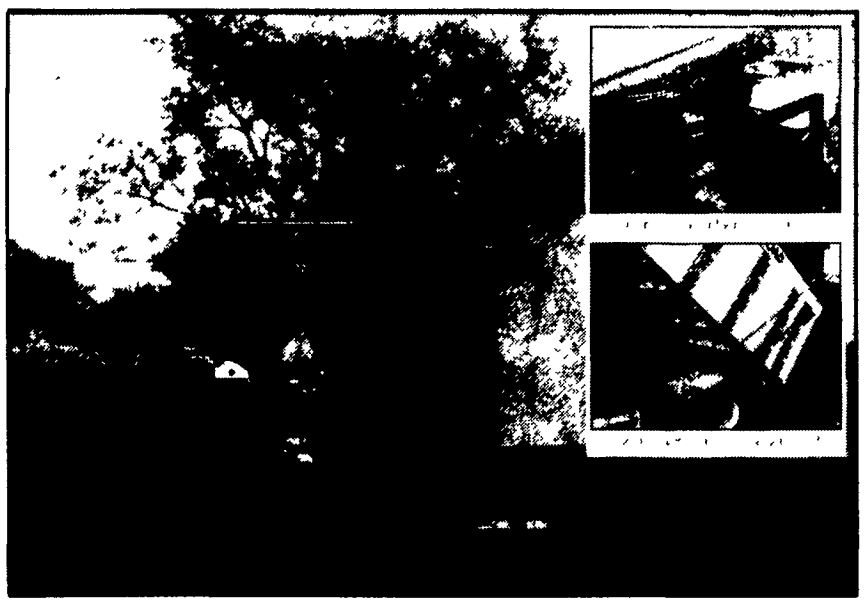
RYDER SUPPLY CO.

P O. Box 219
Chambersburg, PA 17201-0219
Phone 717-263-9111

Goossen
INDUSTRIES

One-Pass Aerator Core Clean-up Keeps Your Fairways In Play
■ Fast core clean-up ■ Power raking and vacuuming ■ Easy operation

New Super Rake 'n' Vac



SPECIFICATIONS:

■ **Flail Deck**
FLAIL POWERED BY: 540 P.T.O.; minimum 20 H.P required
BRUSH and LIFT CYLINDER POWERED BY: Tractor hydraulics
SWATH WIDTH: 70"
DIMENSIONS. 11" x 35" x 70"
TIRES (4 castered wheels): 4.10 x 3.50 x 4

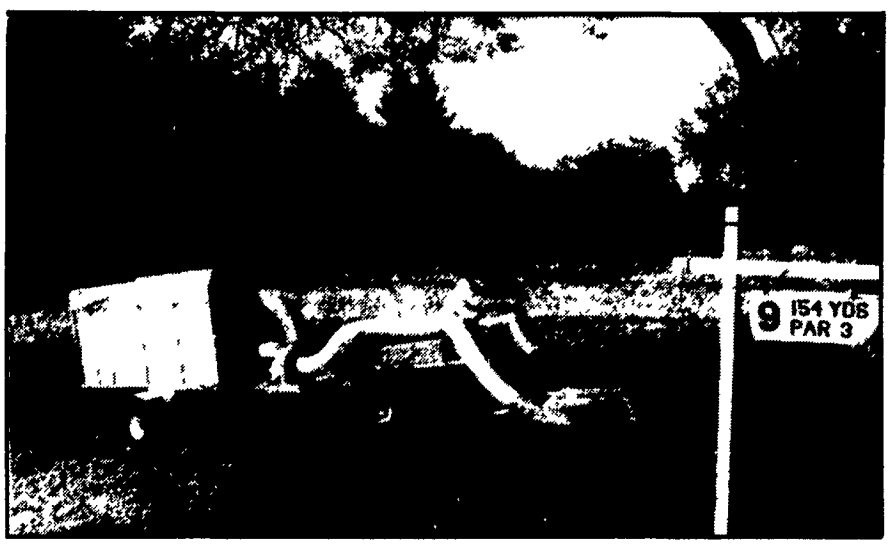
■ **Vac**
POWERED BY: 11 H.P. 4-cycle Honda OHV Gasoline Engine, with electronic ignition and oil alert

■ **Trailer**
LIFT CYLINDER POWERED BY: Tractor hydraulics
WIDTH (to outside of tires): 68"
HEIGHT (overall): 81"
LENGTH (overall, including tongue): 172"
TRAILER BOX DIMENSIONS: 4' x 4' x 8'
CAPACITY: 4.74 cu. yds.
AXLE: 2000 lbs. capacity; TORAFLEX™ suspension
WHEELS. 20 5 x 10"

FEATURES:
- 11 H.P. Honda OHV engine, with electronic ignition and oil alert
- Light-weight aluminum extrusion, 10" dia., 10-row poly brush
- Automatic endgate
- Adjustable, sealed connection between vacuum chute and enclosed trailer
- Chain-drive to flail head from 540 P.T.O
- Totally independent operation of Brush/Flail/Vac
- Hydraulic controls for flail deck lift cylinder, bed lift cylinder, brush drive

Vac 'n'Load

The Perfect Match for Your Mower
■ One-pass clean-up behind virtually any front-mount mower
■ Picks up leaves for fast fall clean-up



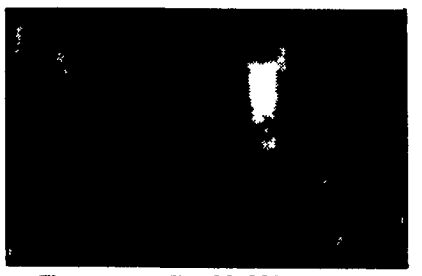
THE MULCHING SOLUTION

FEATURES:
- 11 H P Honda OHV engine, with electronic ignition and oil alert
- Automatic endgate
- Adjustable, sealed connection between vacuum chute and enclosed trailer

SPECIFICATIONS:

■ **Vac**
POWERED BY 11 H P 4-cycle Honda OHV Gasoline Engine, with electronic ignition and oil alert

■ **Trailer**
WIDTH (to outside of tires) 68"
HEIGHT (overall) 81"
LENGTH (overall, including tongue) 172"
TRAILER BOX DIMENSIONS 4' x 4' x 8'
CAPACITY 4 74 cu yds
AXLE. 2000 lbs capacity, TORAFLEX™ suspension
WHEELS 20 5 x 10"



The accessory Hand-held Hose Adapter protects the hose, maintains an air-flow gap between the hose and the ground, and provides a convenient hand hold when the unit is being used as a power vac

With the accessory 6" Applicator Hose w/Adapter you can dispense material drawn from the trailer or other container with the standard 8" hose Ideal for mulching or transferring material

The Goossen Bale Chopper

Features:
- 11-HP Honda Engine with electronic ignition, oil alert, electric start
- Optional Electric Clutch
- Safety Lid
- Adjustable Grate
- Flexible 30' Placement Hose
- Bale Carrier (PTO model only)
- Lift Handles (Self-powered models)

Every Goossen Bale Chopper has a durable polyester Powder Paint Finish, electrostatically applied to cover completely and keep moisture out. This finish is extremely strong, and resists chipping and cracking.

Many accessories expand the versatility of your Bale Chopper:
- Riser, with 180-degree Directional spout
- Wheel Kit Attachment
- PTO Trailer
- 5½" Leg Extensions

Tie Barn/Free Stall Bedding

FEATURES:
- 8 H.P. or 11 H.P. Honda Engine with electronic ignition, oil alert
- Safety Lid
- Adjustable Grate
- Lift Handles
- Banded 3-belt Drive

SPECIFICATIONS

■ **Gasoline Model NA2500BDGP (8 H.P.), Model NA2500BD11 (11 H.P.)**
POWERED BY: 8 H.P. or 11 H.P. 4-cycle Honda Gasoline Engine
WIDTH: 33" HEIGHT: 59" LENGTH: 53"
WEIGHT: 300 lbs.

■ **Electric Model NA2500 ELEC**
POWERED BY: 5 H.P. Single-phase Electric Motor WIDTH: 33" HEIGHT: 59"
LENGTH: 53" WEIGHT: 325 lbs.

Every Goossen Bale Chopper has a durable polyester Powder Paint Finish, electostatically applied to cover completely and keep moisture out. This finish is extremely strong, and resists chipping and cracking.

SPECIFICATIONS:

■ **Self-Powered Model BCG-2**
POWERED BY: 11 H.P. 4-cycle Honda Gasoline Engine WIDTH: 31" HEIGHT: 51"
LENGTH: 55" WEIGHT: 460 lbs.

■ **PTO Model BC-3**
POWERED BY: 540 PTO
WIDTH: 31" HEIGHT: 55" LENGTH: 60"
WEIGHT: 525 lbs.

■ **Electric Model BC-EL**
POWERED BY: 5 H.P. Single-Phase Electric Motor WIDTH: 31" HEIGHT: 55"
LENGTH: 60" WEIGHT: 525 lbs.

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PA FARM SHOW
Jan. 11-16
Space #342 to 345, 358 & 59

RYDER SUPPLY CO.

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Chambersburg, PA 17201-0219
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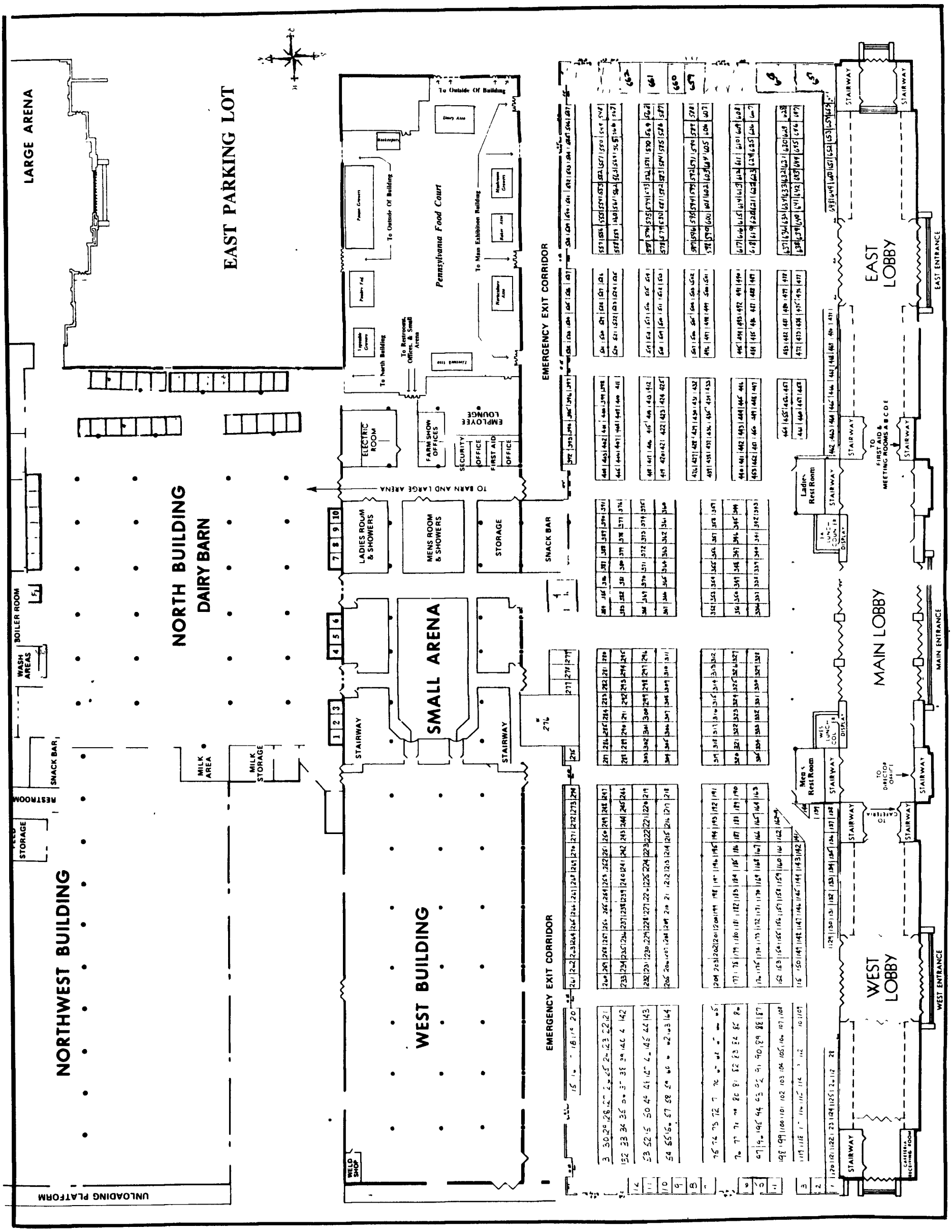
Farm Show Building Layout



- The Farm Show Complex is located along Cameron and Maclay Streets in Harrisburg, just off Exit 23 of Interstate 81. Other major arteries also lead to the Complex.
- Parking is available on the 60-acre site for $2 per vehicle. Overflow parking is offered at the Harrisburg Area Community College (HACC) with shuttle bus service to the Farm Show Complex for a nominal fee.
- Handicapped Parking and access areas are located at the West Circle, North Entrance and Large Arena.

The List Of Exhibitors And Where To Find Them At The 1992 Farm Show.

COMMERICAL EXHIBITORS

MAIN FLOOR: Space Numbers 1 through 662.
NORTH BUILDING: Space Numbers beginning with N and followed by a number.
LOWER LEVEL LARGE ARENA: Space Numbers beginning with LL and followed by a number.
PENNSYLVANIA FOOD COURT: Commodity Associations.

Space #

ADADC N7-N10
Ag Fence Systems N14
Ag Bag Corporation 523-525
Ag Fence Systems ..... Outside 019
Ag Products Company, Inc. 583, 584
Ag-Chem Equipment Co., Inc. 348, 349, 354, 355
Ag. Stabilization & Conser. Serv 393
Agri Business Ins. Agency, Inc. 552
Agri-King, Inc. 654, 655
Agri-Quip Corp. 662
Agricultural Vendor N27
Agrotec Incorporated 633-635
Agway, Inc. 365-370, 381-386
Alberta Ag-Industries, Ltd. 514, 515
Alfa-Laval Agri, Inc. Delaval Ag 416-418
Allen Company 483
Alo Canada, Inc. 92-94, 101-103, 114-116
Alpine Plant Foods Limited 453
Alternative Energy System ..... Outside 004
Altmeyers Western Wear ..... Outside 022-024
American Breeders Service N15, N16
Amsoil - Shirk Marketing Assoc. N18
Anderson Tractor Sales 142, 161, 162, 165-167, 186-189, 193-195
Apple Agri Sales 593, 594
Aqua Blast Corporation 564, 565
Atlantic Breeders Coop. N39
Atlantic Dairy Cooperative N24
Atlas Steel Buildings, Inc. 614
Babson Brothers Company 402-404
Badger Associates 350-353
Badger Northland, Inc 286-289, 302-305
Badger's Agri Service, Inc. 24-26, 37-39
Beachley-Hardy Seed Co. 424, 425
Bender Machine Works 408
Berg Equipment Company 398, 399, 410, 411
Brittingham Plant Farms 446
Butler Manufacturing Company 648, 649
C.B. Hoober & Son, Inc. ..... Outside 009, 010
C.F.C. Distributors, Inc. 592
C.U. Stoltzfus, Inc. 4-6
C.B. Hoober & Son, Inc. 70-81
Cagle Manufacturing Co. 237, 238, 255, 256
Canadian Embassy Trade Office 30-33
Canns-Bilco Distr., Inc. 027-029, 034-036
Cargill Hybrid Seeds 636, 637
Carlton Seed Company, Inc. 442
Cattle Care Service 481
Century Manufacturing Co. 463
Clay Equipment Company 520-522, 529-531
Conklin Company N28, N29
Country Folks Lee Publications 613
Cub Cadet Corporation 338-341
Culligan Water Condition 618
Cummings And Bricker, Inc 280-285, 290-298
Cummins Diesel Engines, Inc. 458
Dairy Equipment Company 526-528
Dekalb Plant Genetics 488-491
Delaware Valley College 518, 519
Dept. L & I - Emp. Sec. & Train 535
Deutz-Allis Corporation 146-157, 171-182, 199-204
Doebler's PA Hybrids, Inc. 443-445
Dunham Alternator & Equipment, I 590, 591
E.M. Herr Equipment Co. ..... Cash Counter 628, 629
E.M.M. Sales & Service, Inc. 622
Eastern Milk Prod. Coop. N22, N23
Easy Time Trailers, Inc. ..... LL5, Outside 005, 006
Eccles Nurseries, Inc. ..... Cash Counter 433, 434
Endless Mountain Equipment 50, 51, 56, 57
Endless Mountain Equipment ..... Outside 025-027
Environmental Systems, Inc. 630
Erth-Rite, Inc. 615, 616
Eshland Enterprises, Inc. N35
Farm Tech Service, Inc. 504
Farmmaster 422
Farmshine 543
Feedmobile Incorporated 659
Fellowship of Christian Farmers 459
Fenner Manheim, Inc. 652
Fiberdome, Inc. 266-268
Fickes Silo Company 18-20
Frank W. Winnie And Son, Inc. 602
Furst McNess Company 516
Gallagher Spring Tight Power Fen 608, 627
Gans Tire Company 576-579
Gempler's, Inc. 573
Grain Systems Inc. 646, 647
Great Plains Manufacturing, Inc. 163, 164, 189-192
Gro Mor Plant Food Co. 620, 621
Growers Fertilizer Solutions 598, 599
GVM, Inc. 205-207, 230-232
Hamilton Equipment Co. 314-318, 320-325, 330-333
Hanover Shoe Company 462
Hatfield Quality Meats N3
Haybuster Manufacturing Co., Inc. 661
Herr Foods, Inc. LL
Hi Score Plant Food Co. 500, 501
Hoards Dairyman ..... Cash Counter 532
Hoffman Seeds, Inc. 493-495
Hostetler Truck Bodies ..... Outside 01-03, 031
Hostetler Truck Bodies N30-N32
Hytest Seeds, Inc. 478-480
J & J Agriproducts & Serv. 473, 474
J. I. Case 65-69. 82-91, 104-113
J. Omar Landis Auction Service N21
J. S. Woodhouse Company 362-364, 371-373
Jacques Seed Company 505-507
Jamesway J-Star Industries 275, 276
Jeffers Vet Supply N33
Jorama Ranch ..... Outside 018
Joseph Swantak, Inc. 168-170, 183-185, 196-198
Kane Manufacturing Co. 537
Karcher Hydro Wash 7-9
Kencove Fence 499
Kendall Refining Company 472
Keystone Stihl 468-470
Krone Niemeyer 95-100, 117-119
Kubota Tractor Corporation 43-47, 60-64
Kuhn Farm Machinery, Inc. 214-223
Kutz Farm Equipment ..... Outside 007, 008
Kutz Farm Equipment, Inc. N13, N14
Lancaster Farming, Inc. 274
Landmark Genetics 409
Lely Corporation 136-140
Lester Building Systems 650, 651
Lincoln Electric Co. 460, 461
M & W Gear Company 657
M. H. Eby, Inc. ..... Outside 013-016
M. Worley Nurseries 450
Martin Water Conditioning 464-465
Melroe Company 208-213, 224-229
Mensch Manufacturing N4
Metro Cremo And Sons, Inc. N1, N2
Metz Sales, Inc., Hartman 423
Milk-Rite, U.S.A. 536
Miller Diesel, Inc. 482
Miracle Feeds, Inc. 492
Moritz, Inc. ..... Outside 029, 030, 032, 033
Morton Buildings 612
Moyers Chicks, Inc. 653
Mummau Tire Service 574, 575. 580, 581
Muncy Chief Hybrids, Inc. 447-449
Nasco ..... Cash Counter C1-C3
National Equipment, Inc. 643, 644
National Feeding Systems, Inc. 15-17
National Weather Service 539
Niemeyer Corporation 312, 313, 326-329
Norbco, Inc. 127, 128
North Central Hydro Wash, Inc. 660
Northeast Agri Systems, Inc. N11, N12
Northrup King Company 431, 432
Nupulse Incorporated 440, 441
Old Guard Mutual Insurance Co. 645
P. Lebzelter & Son Company 658
P.S.U.- Independent Learning 553
PA Ag. Commodities Marketing Assoc. 609
PA Aggregates & Concrete 619
PA Dairy Promotion Progm. N6
PA Dept. of Environ. Resources LL4
PA Dept. of Environmental Res. 541
PA Dept. of Finance & Revenue LL13
PA Farmers Union 534
PA Florists Association ..... Cash Counter 663
PA Flower Growers ..... Cash Counter 664
PA Game Commission 544, 545
PA Holstein Association N36-N38
PA National Farmers Organization 533
PA Relief Committee LL3
PA Rural Electric Assn. 475-477
PA State Lottery 546, 547
PA State Maple Council 471
PA State Showmens Association LL
PA State Sunday Sch. Assn. LL1
PA State University - Radio Room 453
PA Water Specialists - Rainsoft 591
Palco Livestock Equipment Co. LL6
Patz Sales, Inc. 568-570, 585-587
Penn Forestry Company, Inc. LL2
Penn Jersey Products, Inc. 269-273
Penn-Jersey Farm & Power Equip. 336, 337
Pennsylvania Beef Council NW1
Pennsylvania DHIA N5
Pennsylvania Energy Office 582
Pennsylvania Farmer 395-397
Pennsylvania Farmers Assn. 456, 457
Pennsylvania State Grange 454, 455
Pennsylvania State University 426-430, 435-439
Pikes Peak Nurseries 451, 452
Pioneer Hi Bred Intnl, Inc. 496-498
Pitt Auto Electric Co. 558, 559
Polydome Corporation 554, 555
Poulan Weed Eater 512, 513
Power Pro Equipment Co. 131-135
PSU, Nat'l Space Grant Program 538
R. J. Lee Company 239-245, 247-254
Ransome Lift Equipment Company 638, 639
Ration Maker East, Inc. 600, 601
Raytec Manufacturing Co. 610, 611
RCMA, Inc. N26
Rich Brandt Farm R.E. ..... Outside 012
Ryder Supply Company 342-245, 358, 359
S. I. Distributing 556, 557
S.K.D. Services 642
Safeguard Products, Inc. 623, 624
Schnupp's Grain Roasting 502, 503
Scottdale Supply Company N16A
Seedway, Inc. 484-486
Seedway, Inc. Seem Seed 487
Select Sires N25
Shenango Steel Buildings 640, 641
Sire Power, Inc. N19
Slaybaugh Bros. Nurseries 617
Snook's Equipment 48, 49, 58, 59
Sollenberger Silos Corp. 261, 262
Sones Grain Systems 588, 589, 606, 607
Star Silo 263-265
Starline - J-Star Industries 143-145, 158-160
Stauffer Diesel, Inc. 510, 511
Strathmeyer Forests, Inc. 603
Sukup Maufacturing Company 550, 551
Summit Systems, Inc. LL7
Sunflower Mfg. Co., Inc. 233-236, 257-260
Tallman Aerial Spraying 595
Tam Agri Corporation 596, 597
Tatge Chemical Company/Tox-O-Wik 631, 632
Taylor Contracting ..... Outside 017
Taylor Contracting N14B
Taylor Manufacturing, Inc. ..... Outside 021
Tech of Pennsylvania 582
The Hotsy Corporation 129, 130
The Schlueter Company 412-415
Tico Manufacturing, Inc. 548, 549, 566, 567
Todd Farm Equipment 374-377, 360, 361, 390
Top Line Dairy Systems, Div. Walk 419-421
U.S. Agri Systems, Inc. 400, 401
U.S.D.A. Animal & Plant Health 540
U.S.D.A. Soil Conservation Serv. 394
University of PA, School of Vet 405-407
USDA, Farmers Home Admin. 392
Van Dale, Inc. 21-23, 40-42
Vermeer Manufacturing Co. 10-12
Vermeer Manufacturing Company ..... Outside 020
Vigortone Ag Products, Inc. 625, 626
Walter H. Weaber Sons, Inc. 542
Wayne R. Wyant 120-126
Wenger's Farm Machinery, Inc. 346, 347, 356, 357
West Virginia Fence Corporation 604, 605
Westfalia Systemat, Div. of Centr 560-563
Westmore Ltd. N17
Winpower Corporation 466, 467
Woods, Div. of Hesston Corp. 378-380, 387-389
Worksaver, Inc. 571, 572
Young's Inc., Livestock Nutri. 508, 509
Zimmerman Manufacturing Corp. 1-3

Food Court - East Building Commodities

Pennsylvania Bakers Association
Pennsylvania Cooperative Potato Growers
Pennsylvania Dairymens Association
Pennsylvania Livestock Association
Pennsylvania Mushroom Growers Association
Pennsylvania Poultry Federation
Pennsylvania State Beekeepers
Pennsylvania Vegetable Growers Association
State Horticultural Association of Pennsylvania

Meeting Dates And Times

SATURDAY, JANUARY 11, 1992
2:00 pm Draft Horse & Mule Association, Room B
6:00 pm Annual Farm Show Reception & Dinner, Harrisburg Hilton & Towers

SUNDAY, JANUARY 12, 1992
9:30 am Pa. Suffolk Sheep Association, Room A-1
2:00 pm Pa. Cattlemens Association, Room A-1

MONDAY, JANUARY 13, 1992
9:00 am Society of Farm Women of Pa., Annual Convention, Forum Building
12 noon Master Gardners, Room D
12:30 pm Pa. State Grange, Room B

TUESDAY, JANUARY 14, 1992
9:30 am Ag Advisory Committee, Room B
10:45 am Master Farmers Association, Annual Meeting, Penn Harris Motor Inn
11:00 am Commercial Exhibitors Meeting, Room E
11:30 am Pa. Flying Farmers, Room A-1
12 noon Pennsylvania FFA, Mid-Winter Convention, Forum Building
12 noon Pa. Brown Swiss Association, Room D
12 noon Dairy of Distinction, Room E
1:00 pm Pa. Horse Pullers Meeting, Room B
1:00 pm Master Corn Growers, Room C
2:00 pm Pa. Livestock Association, Room E
3:00 pm Pa. Farm-City Council, Room A-1
3:00 pm Pa. Ayrshire Breeders Association, Room D
5:30 pm Pa. Foundation Seed Co-operative, Room A-1
6:00 pm Pa. Dairymen's Association Annual Meeting & Banquet,
Sheraton Harrisburg East
6:00 pm Pa. Co-operative Potato Growers, Annual Banquet, Sheraton Harrisburg East
7:30 pm Pa. State Rabbit Breeders Association, PA Room, Upper
Concourse

WEDNESDAY, JANUARY 15, 1992
9:00 am 4-H Potato Grading & Identification, Room E
10:00 am Pa. Nut Growers Association, Room C
1:00 pm Pa. Maple Producers Council, Room D
2:00 pm Pa. Pony Pullers Meeting, Room A-1

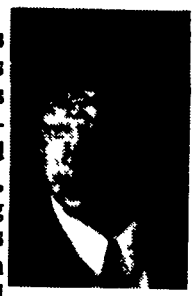
THURSDAY, JANUARY 16, 1992
3:00 pm Dauphin County Master Gardners, Room A-1

NOTE: Meeting Rooms A-1, B, C, D and E are on the Second Floor over the Main Lobby.

State FFA Awards Keystone

(Continued from Page E16)

Doug Garman



Doug Garman, Cloister FFA, has spent three years managing capons as part of his FFA activities. Son of John and Ida Garman, Ephrata, Lancaster Co., Doug was the chapter's sentinel and served on the scholarship and public relations committees. He picked up a proficiency award in ag mechanics and placed in the Penn State wildlife contest, and garnered a silver medal in the county's record keeping contest (a gold in the state record keeping). He plans to attend college for forestry or surveying.

Lorraine A. Gechter

FFA activities for this four-year Conrad Weiser FFA'er include managing registered breeding goats, pot-bellied pigs, and fitting and showing registerd pigmy goats. Work experience for Lorraine Gechter, daughter of Kenneth D. and Lorraine F. Gechter, Womelsdorf, Berks Co., includes dairy farm experience in raising calves and milking. She has served as chairman of the public speaking contest and on the cider, citrus, and processed meats sales committees. She has held positions as chapter historian, vice president, and president, and participated in livestock, dairy, and meats judging, and placed at the state level in extemporaneous speaking. Future plans include dairy herd management.

Liz Gettle

Liz Gettle, four-year Northern Lebanon FFA member, has served on various chapter committees, including scrapbook, banquet, and fund-raising. Liz has participated in livestock and dairy foods judging, and has worked on various home improvement and landscaping service projects. Liz, daughter of Larry and Joy Gettle, Jonestown, Lebanon Co., has served as chapter reporter, treasurer, and vice president. Other projects include floriculture, fiber crop production, nursery operations, and home and farm improvement. She has received the Greenhand, Chapter, and County degrees, and participated in parliamentary procedure contest (placing second in the state). Liz plans to enroll in cooking school and become a chef, "and learning the wood trade from my grandpa," she said.

Daniel Graham

Projects for this Red Lion Area FFA'er include swine breeding and finishing in addition to sheep and beef finishing. Daniel Graham, son of Glenn Graham, Windsor, York Co., has served as chapter treasurer and sentinel, and has obtained recognition for reserve champion FFA market hog at 1991 York Fair He also placed first in the York Fair livestock judging contest the same year. In addition, Daniel has also garnered the York Co. White Rose Degree, the Swine Production Award, and Diversified Livestock Production Award. He also won a bronze award in the state project book contest in 1990 and 1991. He wants to farm in the future.

Robert Gilman

FFA projects for Cowanesque Chapter member Robert Gilman included dairy cow and heifer management, of which he had shown at county and district dairy shows. His activities have included the all-county judging contest, and he has judged at county, regional, and state competitions during his three years in the FFA. Son of Donald and Bonnita Gilman, Little Marsh, Tioga Co., Robert has been chairman of many committees, including the National FFA Week and float.

Robert has held the position of chapter student advisor the last two years and has held the position as county student advisor the last two years. He has received the Greenhand, Chapter, and Area degrees. He has also received the Dairy Proficiency Award and other awards, including a silver medal at the state level. Robert plans to enroll in college and work on the family farm.

Stacey Graves

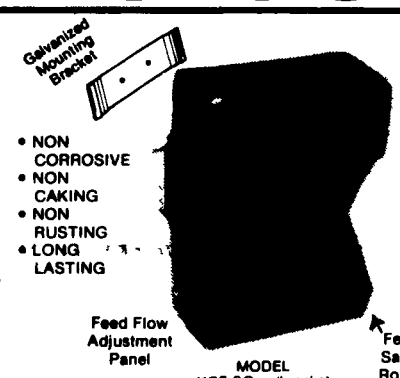
A large variety of FFA projects and activities highlight the accomplishments of Stacey Graves, four-year Cowanesque FFA'er. The daughter of Dennis and Christine Graves, Little Marsh, Tioga Co., Stacey has served on various dairy and livestock judging projects, and has served on her chapter's citrus sales, Farm Show, parent-member banquet, county FFA banquet, flower sales, awards, float, fair exhibit, and Washington Conference program committees. She has also participated in dairy cow judging contests, and has exhibited swine and steers at the state farm show and various county and district shows.

Stacey has served has president and vice president of the chapter and president of the county chapter. She also served as chairman of the program of work and leadership committee. In addition, Stacey was honored with the Star Greenhand, Star Chapter Farmer, County Degree, Area Star

(Turn to Page E26)

KANE'S
LIVESTOCK EQUIPMENT

Baby Pig Creep Feeder
POLYETHYLENE



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Baby Pig Waterer

FOR WATERING AND MEDICATING YOUR BABY PIGS.

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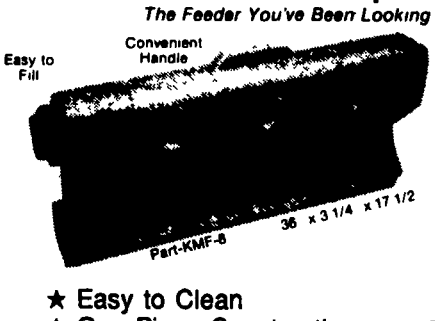
- KEYHOLE MOUNTING EASY ADJUSTED UP
- STAINLESS STEEL NIPPLE
- HANG TAB LID
- HEAVY DUTY POLYETHYLENE

Milk Replacement Feeders

The Feeder You've Been Looking For



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7 Gallon Capacity

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★ Transclucent Graduated Milk Level Reservoir

We have brought Convenience & Practicality to Milk Reservoir Feeding

8-PLACE BABY PIG FEEDER ALL CAN EAT AT ONCE

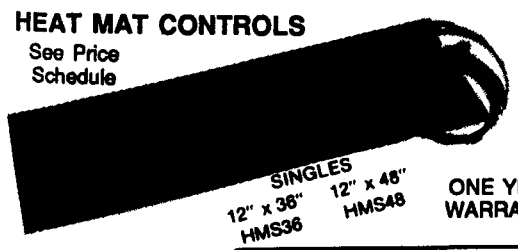
Designed for Farrowing Crate

HEAT MATS

THIS PRODUCT IS A FIBERGLASS ELECTRICALLY HEATED MAT TO PROVIDE A WARM BED FOR BABY PIGS TO HELP INCREASE NUMBER OF PIGS PER LITTER.—MATS DESIGNED FOR ALL TYPES OF FARROWING!

★ Use with farrowing crates, elevated crates, pens or cages.
★ Double Mats with two cords - Each side individually heated to save energy.
★ Electrical requirement - Uses 110-120 AC - has 18" stainless steel electrical cord protector with an 10' electrical cord.

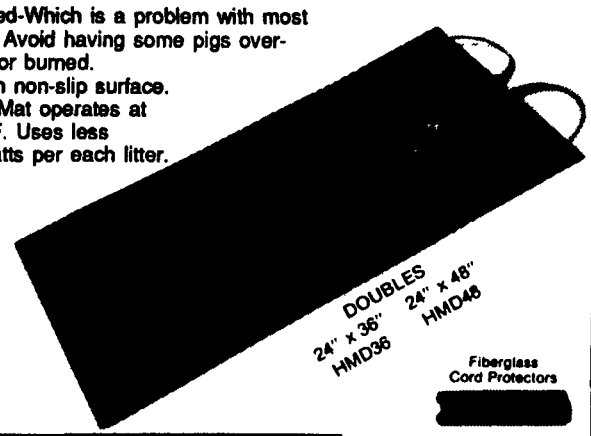
HEAT MAT CONTROLS
See Price Schedule



ONE YEAR WARRANTY

★ Piling reduced-Which is a problem with most heat lamps. Avoid having some pigs overheated and/or burned.
★ New-Traction non-slip surface.
★ Economical-Mat operates at 90° to 95° F. Uses less than 100 watts per each litter.

Many building temperatures are 60° and 65° F. Uniform Heat Mat provides warm dry bed.



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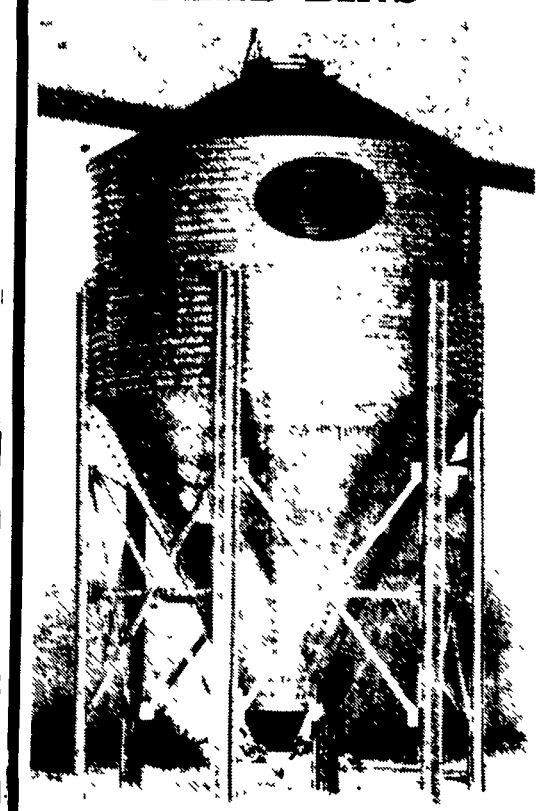

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State FFA Awards Keystone

(Continued from Page E25)

Farmer, and has won at various contests, including state dairy foods, national dairy foods, beef proficiency, swine proficiency, and public speaking contests in the area, region, and national levels. She plans to attend Penn State to major in animal bioscience and enter the Air Force.

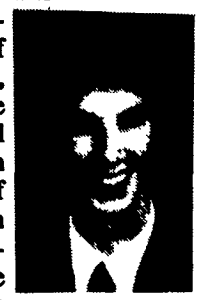
Susan Michelle Groover

Serving as her chapter's reporter, secretary, and vice president, Susan Michelle Groover has been involved in other Cowanesque FFA projects, including dairy beef production, poultry, and garden production. She also served on the citrus sale and float committees, and the parliamentary procedure team. Susan, daughter of Kenneth and Mary Groover, Westfield, Tioga Co., was Tioga Co. FFA vice president, and has received the Star Agribusiness honors and chapter proficiency awards in poultry production, public speaking, and vegetable and garden management. Her goal is to attend college and major in public relations and communications and minor in political science.

Delbert J. Hade

Delbert J. Hade, son of Mr. and Mrs. Max Hade, Waynesboro, Franklin Co., is a member of the Blue Ridge FFA. Delbert's projects have included diversified livestock, poultry production, and on-farm work experience. He also sells and delivers eggs to the community, and has received his Greenhand and Chapter Farmer degrees. He plans to manage the family farm.

Mike Hamme



Mike Hamme, four-year member of Kennard-Dale FFA, has plans to attend the Lincoln Technical Institute after high school. The son of Michael and Susan Hamme, New Freedom, York Co., Mike has received the White Rose and Greenhand degrees.

Sharon Harnish

Daughter of J. Rodner and Nancy Harnish, Lititz, Lancaster Co., Sharon Harnish has participated in a wide variety of Manheim FFA activities, including pleasure horse, beef finishing and breeding, and sheep finishing and breeding. Sharon also served on program of work, banquet program, and barnyard committees, and has served on the FFA Week and window exhibit programs and the Made for Excellence Conference. She works for Wishful Acres Arabian Horse Farm.

Sharon has served as chapter historian and vice president, and has received the Greenhand, Star Chapter Farmer, and Red Rose degrees. She has particpated in horse judging at the Big E and livestock judging at Penn State. She was on the first place team in FFA livestock judging and on winning livestock teams in the county. She plans to attend Delaware Valley College and major in animal science.

Aaron Wayne Harpster

Aaron Wayne Harpster has worked on a number of acres of corn, sorghum, and alfalfa as part of his supervised agriculture experience at the Warriors Mark FFA. The son of Mr. and Mrs. R. Wayne Harpster, Aaron has served as chairman of the work experience program and on the scholarship committee. He has served as chapter chaplain, secretary, vice president, and preisdent.

He participated in the state agronomy contest, winning first place, and farm management contest at Eastern States Exposition, and also participated in numerous crop exhibits. Aaron also was honored with the Star Greenhand and Star Chapter Farmer degrees. He plans to attend college and help operate the family dairy farm.

James B. Harrold, Jr.

Son of James B. (Sr.) and Barbara Harrold, Rockwood, Somerset Co., James B. Harrold, Jr. has served the Rockwood FFA Chapter as reporter and president and the county as reporter. This Star Greenhand and Star Agribusinessman recipient has also served on various committees, including scrapbook, aquaculture, hydroponics, and program of work. He plans to enroll at Penn State for a B.A. in agricultural engineering.

Dwight Hedrick

Swine breeding and finishing are some of the projects that Dwight Hedrick, Kennard-Dale FFA member, has been involved with. He served his chapter also on the chain pig and cow and recreation committees.

Dwight, son of Curtis and Ella Hedrick, Delta, York Co., has served as chapter president, vice president, and sentinel, and as county sentinel. He has obtained the Star Greenhand, Chapter, and White Rose degrees. He plans to become an auctioneer and start his own business.

Chad Henry

Chad Henry, three-year member of Mohawk FFA, has obtained experience on the dairy judging, square dance, and demonstration team. Chad, son of Mr. and Mrs. John and Linda Henry, Bessemer, Lawrence Co., has obtained the Greenhand and Chapter degrees and serves as treasurer of the chapter. He plans to attend Penn State.

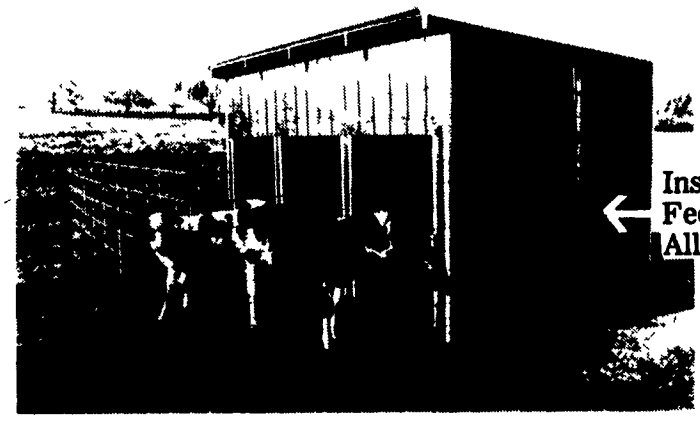
Timothy Heintz

BOAC, citrus sales, mum production, landscape school house, and landscaping around the poll barn at school are some of the Columbia Montour AVTS FFA activities that Timothy Heintz has been involved with in three years with the chapter. Timothy, son of Frank and Edna Heintz, Orangeville, Columbia Co., has traveled to the national convention in Kansas City and competed in the landscape nursery contest. He also attended competition at Penn State, and placed second in the landscape contest.

Timothy, who is now competing for Star Farmer in horticulture, has obtained the Greenhand degree, and plans to attend college.

(Turn to Page E27)

CALF KENNELS



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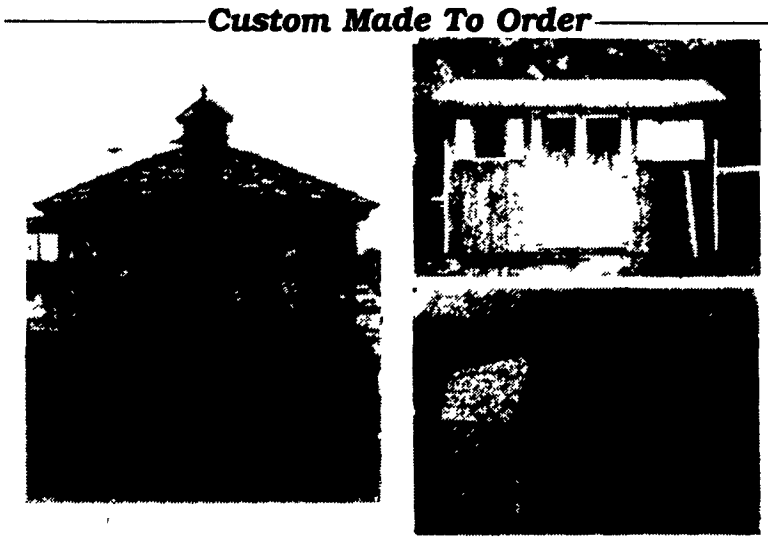

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LF

State FFA Awards Keystone

(Continued from Page E26)

William Hersch

Brothersvalley FFA'er William Hersch has been involved in many committees, including proficiency, Food for America, demonstration, program of work, one-acre corn, calendar, FFA sports, banquet, blood drive, and BOAC. William, son of Mr. and Mrs. William D. Hersch, Meyersdale, Somerset Co., has work experience at Mikel Holsteins and on swine finishing. He has served as assistant chaplain and treasurer, and has been honored with the Greenhand, Star Greenhand, and Chapter degrees. William plans to attend college and major in wildlife conservation.

Joel Anthony Hertzler

Dairy herd, small grains, rabbit, and BOAC committee involvement mark some of the activities of this West Perry FFA'er. Joel Hertzler, son of Duane and June Hertzler, Loysville, Perry Co., has served as chapter president and area treasurer, and received the Star Greenhand and Star Chapter degrees. Future plans include dairy farming.

Darren Hoover

Work experience in Darren Hoover's Warriors Mark FFA Chapter includes various swine breeding and finishing projects and about 4,000 hours of work experience. He has served on the Fall Harvest Festival committee and participated in the ag mechanics contest.

Darren, son of Mr. and Mrs. Arthur P. Hoover, Tyrone, Huntingdon Co., has won the chapter swine proficiency and county project book awards. In addition, Darren plans to enter the hog production business with his family.

Tamara Lynn Hopkins

Tamara Lynn Hopkins has served four years in the Waynesburg FFA as chapter secretary, was state delegate for two years, and serves as chapter president. Tamara, daughter of David Lynn and Irene Hopkins, has also served on the national band and participated in the National FFA Convention. She was honored with the Star Greenahnd, Chapter Farm, and also placed in the parliamentary procedure contest. She placed first in the chapter and county creed, and attended the Washington Co. Leadership School. Tamara plans to enroll at Penn State.

Dan Horning

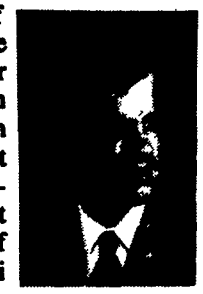
Cloister FFA member Dan Horning has picked up four years of work experience on the Clinton Sauder Dairy Farm. Son of Rueben and Sarah Ann Horning, Lititz, Lancaster Co., Dan has served as FFA chaplain and vice president and county FFA sentinel. Additionally, Dan has placed in the ag mechanics contests at state and regional levels, and served on the recreation, conduct of meeting, and SOEP committees. He received the Star Agribusinessman Award.

Mark Hosler

West Snyder FFA'er Mark Hosler has a multitude of FFA projects and activities in four years with the chapter. Mark, son of Delbert and Darlene Hosler, McClure, Snyder Co., has both on- and off-farm work experience, including four years of beef finishing, beef breeding, and related work. He has participated in the National FFA Convention, the Susquehanna Co. Envirothon, and served on the citrus, seed, tree planting, and other committees.

Mark has also served as chapter chaplain and treasurer and SUN Area treasurer. Honors include the bronize award in individual dairy cattle judging at Penn State FFA Activities Week, ag electrician award, beef production award, DeKalb Award, and the Greenhand, Chapter Farmer, SUN Area Farmer, and Chaper Star Farmer honors.

Stephen L. Horst



Four years of membership in the Grassland FFA chapter has granted Stephen Horst experience in dairy calf management through work experience at the Horst Farm. Stephen, son of Wilmer E. and Naomi Z. Horst, New Holland, Lancaster Co., has served as chairman of the recreation, SAE, and cooperation commitees.

Stephen has also served on the executive committee of the chapter. He has served as chapter sentinel, chaplain, and has obtained the Star Greenhand, Red Rose, and Star Red Rose Agribusiness honors. In addition, he has won dairy and work experience proficiency awards and plans to attend Lincoln Technical Institute to receive training in mechanical and residential drafting.

Mark W. Hough

Four-year Penns Valley FFA'er Mark Hough has experience on dairy herd and field corn FFA projects. The son of Ronald and Donna Hough, Rebersburg, Centre Co., Mark has served three years as vice president of the chapter. He plans to go into partnership on his father's dairy farm.

(Turn to Page E28)

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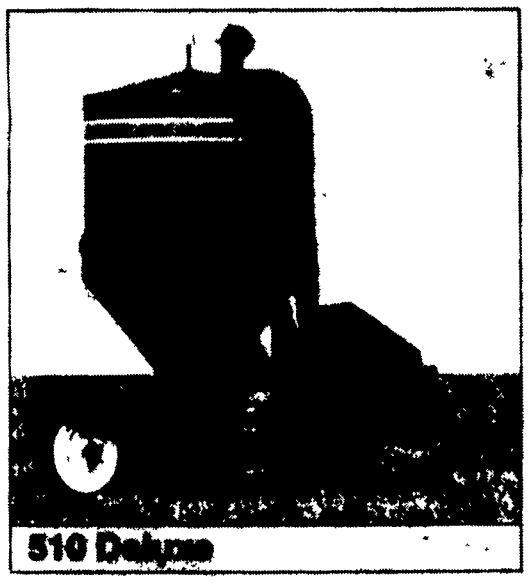

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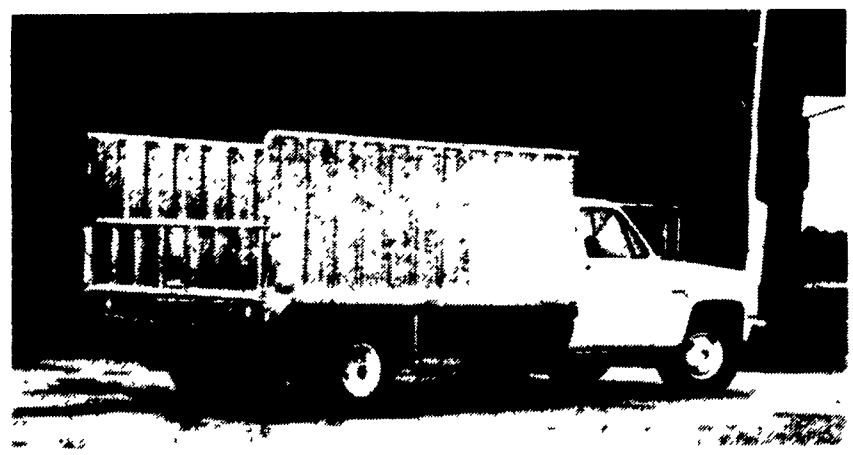

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State FFA Awards Keystone

(Continued from Page E27)

Patricia Huber

Leadership, pumpkin contest, window exhibit, and float committee membership round out some of the many FFA activities of Solanco FFA member Patricia Huber. Patricia, daughter of Mr. and Mrs. James Huber, Peach Bottom, Lancaster Co., serves as chapter student advisor, and has FFA work experience milking dairy cows at Red Knob Farms. She also has experience in beef and swine finishing.

Patricia has obtained proficiency awards in soil and water conservation and in ag business sales and service, in addition to the Greenhand, Chapter, Red Rose, and Star Red Rose Agribusiness degrees. She plans to continue working in the dairy industry.

Wendy J. Hutzell

Wendy J. Hutzell has served the Somerset AVTS FFA on a variety of committees, including scrapbook, sports, BOAC, spring trip, educational activities, and demonstration team. Wendy, daughter of Ralph and Jean Hutzell, Stoystown, Somerset Co., has served as chapter reporter. She also has received the first, third, and gold medal for extemporaneous public speaking, and has beeen honored with the Greenhand degree. She said she plans to continue her job at the Somerset Country Club and will enroll in a two-year trade school for greenskeeping and general art.

Wayne L. Irvin

For the past three years, Clearfield FFA member Wayne Irvin has served on various committees and participated in an array of projects. Some include forestry, Envirothon, state Envirothon, attendance, ag mechanics, poultry production, livestock judging at local and regional levels, and other livestock diversity projects.

The son of Howard and Patricia Irvin, Frenchville, Clearfield Co., Wayne has served on the leadership, financial, and recreation committees. He has also served on the parliamentary procedure team. Other honors include Star Greenhand, Star Chapter Farmer, and other honors. He plans to enlist in the army reserves and enroll in college.

Wendy Jesiolowski

Wendy Jesiolowski, 17, daughter of Robert and Linda Jesiolowski, is a 4-year member of the Oley Valley FFA Chapter at Oley Valley High School in Berks County.

Among her FFA activities, Jesiolowski has been involved in beef breeding, beef finishing, swine finishing, laying hens, and work experience. She has also been a member of the Food For American Committee.

She counts among her achievements being chapter sentinel, treasurer, secretary for the county group, and vice president for both the county FFA and her chapter. She has been awarded the Star Greenhand, Star Chapter Farmer, County Degree, and won a bronze medal in the state dairy foods contest.

Wendy said her future plans are to attend Delaware Valley College in the fall of 1992 to pursue a degree in animal science.

Allison Kachurka

Allison Kachurka, 18, daughter of Patricia and Ronald Hartranft, of Bloomsburg. She is a 3-year member of the Columbia-Montour FFA chapter and has been involved in the club's orange sale, banquet, BOAC, refreshment committees. He lists his achievements as being vice president of his chapter in 10th grade, and president the past two years. He has also been innvolved in floriculture contest.

His plans are to work and possibly college. He is currently working at Kressler's Flower Shop in Bloomsburg.

Mercena Keeney

Mercena Keeney, 18, is the daughter of William and Bonnie Keeney, of Wyalusing, in Bradford County. She is a 4-year member of the Wyalusing Valley FFA Chapter and has been involved in dairy projects, including starting with one animal and growing to where she now owns 10. She has also served on several chapter committees, including the float, summer picnic, seed sales, and calendar sales committees. Mercena has also been involved in several FFA contests, such as the dairy showing, dairy judging, wildlife, forestry, livestock, and project book. She has been active in leadership development, attending a conference and also going to the state and national conventions. Among her achievements, she said she served as secretary, vice president and president of the local FFA chapter and as county secretary for three years. She has showed dairy cattle at the local, district and state level and won a gold medal for the past three years in the state project book contest. She is currently the Bradford County alternate dairy princess and is active in 4-H. She said she plans to go to attend and agricultural college and pursue studies in dairy science.

Ginger Kegg

Ginger Kegg, 18, daughter of Russell and Frances Kegg, is a 4-year member of the Bedford High School FFA chapter. She has been involved in raising market hogs, managing a purebred spotted swine herd, raising market lambs, steers and has participated in livestock judging. She attended the state FFA Week in 1989 and went to the National FFA Week this past year.

Among her achievements, Ginger has been a chapter reporter for 2 years, a FFA chapter student advisor, won 8th place in land judging contest and first place in a conservation public speaking contest during the state FFA week in 1991.

She said her plans are to study agricul-

(Turn to Page E30)

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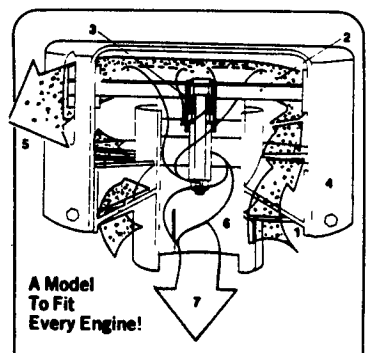

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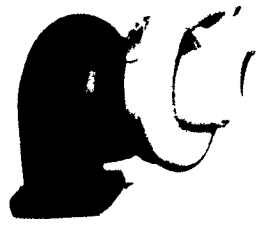

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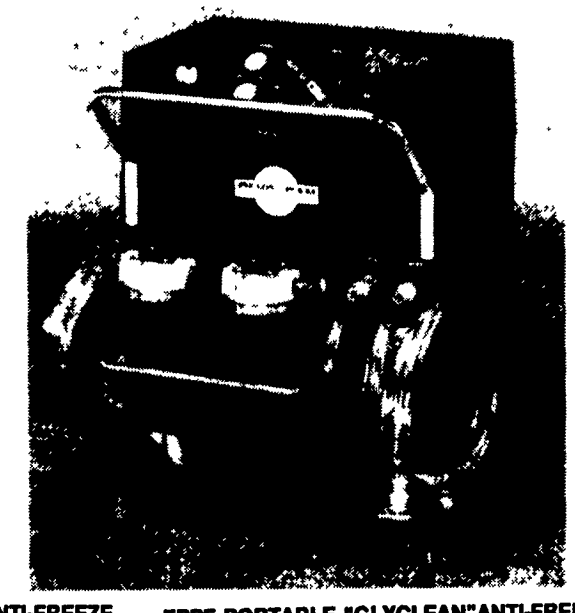

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State FFA Awards Keystone

(Continued from Page E28)

tural business management at Penn State University, then return to the family hog farm to manage it.

John Kennedy

John Kennedy is the 19-year-old son of James and Rita Kennedy, Butler. John has had projects in dairy, field corn, hay, and corn silage. He shows Brown Swiss cows in local, state and national comeptition. He is the Knoch chapter president and has been the chapter reporter. He won the dairy judging contest locally, and placed first in the dairy showmanship contest at the Big E. At Penn State, he was second. John is the third member of the family to receive the Keystone degree. Brother Jeff received the award in 1983 and sister Janelle was the degree winner in 1988. Their parents will will be honored at the Farm Show.

Ben Kensinger

Ben Kensinger, son of Mr. and Mrs. Ernest Kensinger, of Martinsburg, is a 4-year member of the Central Cove FFA chapter in Martinsburg. His FFA projects have been managing a dairy herd and raising dairy calves. His agricultural and FFA activities include serving as chairman of the chapter calf ring committee, as a member of the Foor For American Committee, and participating in land judging contests and project book contests.

He lists his achievements as winning various project book awards in county and area contests and working on the family's dairy farm. Outside interests for Ben are being involved with his church youth group. His plans are to attend a 2-year trade school with emphasis in dairy science and return to the family dairy farm.

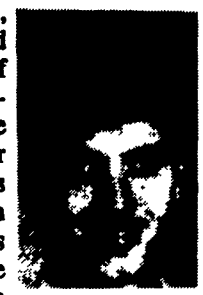
Pamela Klinger

Pamela Klinger, 17, is the daughter of Robert and Ruth Klinger, of Bernville. She is a 4-year member of the Conrad Weiser FFA chapter and has been involved in market swine, breeding and market rabbits, and wildlife science. She has also served on the chapter's citrus, cider, bulbs, and processed meats sale committees, and was chairman of the group's earnings and savings and public relations committees. She also was involved in a Wernersville State Hospital project. She lists as her achievements being club sentinel, treasurer, reporter, and secretary. She attended the national FFA convention, was involved in livestock judging, the All-American Dairy Show judging contest, land use contest, and wildlife contests. She also was involved in public speaking, specifically, participating on a regional level in the conservation division and also in the prepared division. She also attended at wildlife management-science school. She said her plans are to be a wildlife conservation officer or a wildlife rehabilitator.

William Klunk

William Klunk, 19, son of Raymond Sr. and Shirley Klunk, of New Oxford, is a 4-year member of the Conowago FFA Chapter. His FFA activities include beef finishing, work experience at Jo Bo Holstein, state agriculture mechanics, livestock judging, and he attended the national convention. His achievements include the Green Hand, Chapter, and Adams County Apple degrees, he has served as a student advisor and won an award for beef finishing proficiency. His plans are to own his own farm.

Mark Kornman

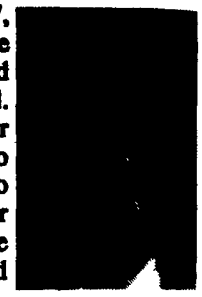


Mark Kornman, 18, is the son of Tom and Joanne Kornman, of Linesville. He is a 4-year member of the Linesville FFA chapter through which he has been involved in maple syrup projects for the past three years, a home garden project, and in 1990 was a member of the chapter's B.O.A.C. committee. He is currently president of his chapter and has served as vice president for the past two years. He has won his Greenhand, Chapter Farmer, and Star County Farmer degrees. His plans are to go to college and pursue a degree in forestry.

Justin Kosa

Justin Kosa, 17, is the son of E. Gene and Nancy G. Kosa, of Ulysses, in Potter County. A 4-year member of the Headwaters Chapter at Northern Potter High School, Justin has been involved for past three years in potatoe raising, has been chairman of the B.O.A.C. Committee, and a member of the chapter's banquet and safety committees. He counts his FFA achievements as serving as treasurer and president of the high school chapter, being vice president of the county chapter, winning the Regional Star Farmer degree, the Greenhand and Chapter farmer degrees, and winning a state project book award. He has already committed to 2 years active duty in the Army, after which he plans to return to the home farm.

Billie Jo Krause



Billie Jo Krause, 17, of Myerstown, is the daughter of Raymond and Helen Diamond. She is a 4-year member of the Elco FFA chapter at Elco High School. Her FFA activities include sheep breeding and pleasure horse projects. She has also served on banquet invitation, supervised farming, suspervised agricultural experience, scholarship, recreation, public relations, leadership, conduct of meetings and cooperation committees. She said her achievements include being chapter reporters, secretary and is currently serving as president. She received her Greenhand, Chapter and County degrees, and also received a state award for her sheep and horse proficiency. Her plans are to pursue a college degree in agricultural science, buy a horse farm and breed and board horses.

Robert Kudia

Robert Kudia is the 18-year-old son of Carl and Doris Kudia, Conestoga. Bob has been a member of the Penn Manor chapter for seven years. He has served on the banquet committee, the fruit sale committee and has worked with ag in the classroom. He farms tobacco and was on the SOE work experience program.

Bob has been treasurer of his local chapter and won the Red Rose Agribusinessman award. His future plans call for work in the excavating field as well as in agriculture.

(Turn to Page E32)

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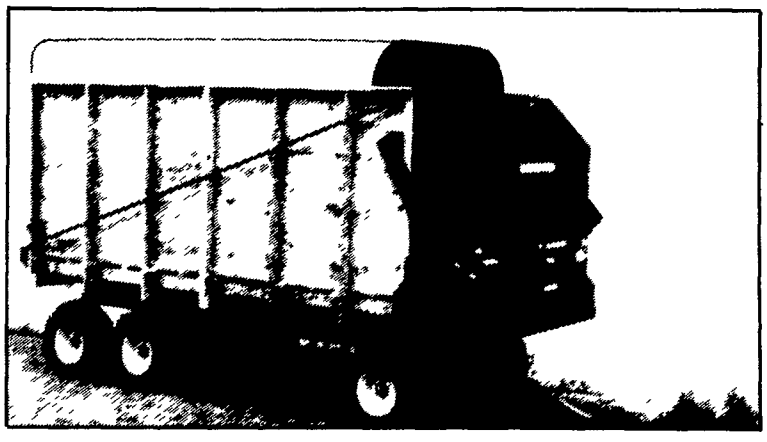

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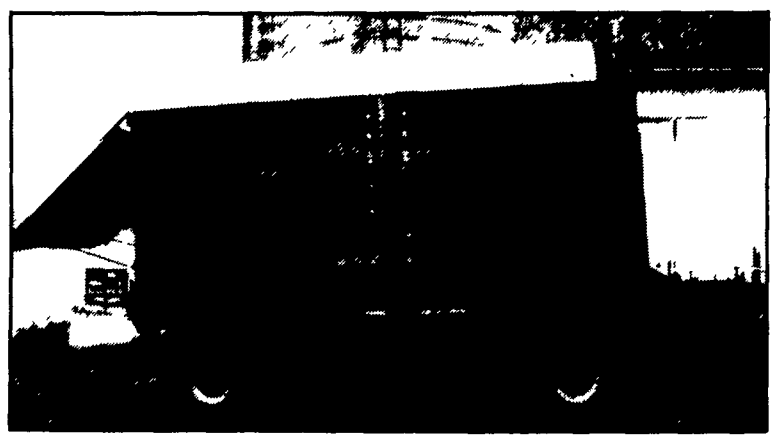

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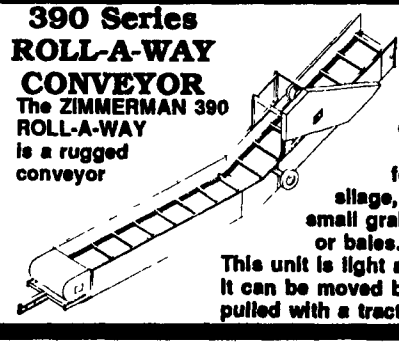

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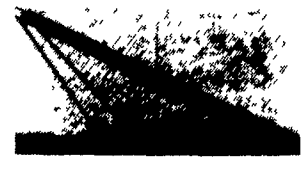

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Dairy Farmers Sponsor Activities At Farm Show

Pennsylvania's dairy industry will again be a large part of the Pennsylvania State Farm Show, held at the State Farm Show Complex in Harrisburg. Show visitors will be able to spin quiz wheels in the dairy promotion booth, view an 800 pound butter sculpture, featuring Pennsylvania dairy youth, and sample some of Pennsylvania's official beverage, milk, all during the show which runs from Saturday, January 11 to Thursday, January 16, 1992.

At a booth in the north building of the complex, the dairy industry will have its own "Vanna White" spinning game wheels for show visitors. Pennsylvania State Dairy Princess, Robin Wilbur, of Bradford County, and her alternates, Tanya Martin, of Bucks/Montgomery Counties, and Onalee Smith, of Mercer County, will be handling the games and activities at the dairy booth. Dairy nutrition educators will also be on hand to handle consumers' nutrition related questions.

Show visitors are encouraged to stop at the booth, which will be open from 9 a.m. to 7 p.m. daily, to test their knowledge of milk and dairy products, dairy nutrition, Farm Show trivia, and Pennsylvania's dairy industry. Everyone who takes time to play the wheels or quiz boards will receive a small "I Love Milk" button for their efforts.

Visitors can also learn more about butter through a display of Pennsylvania's butter industry, yesterday and today. The display, in the McClay Street Lobby of the show complex, will include antique butter churners, butter manufacturing equipment, and butter cartons. In addition, the display will include information about the giant butter sculpture which will feature PA's State Dairy Princess, and a young dairy enthusiast and her calf. Butter for the sculpture, to be prepared by Raymond Mackintosh will be donated by Holly Milk in Carlisle, a division of Atlantic Dairy Cooperative, Southampton.

The dairy promotion activities are sponsored by the four dairy promotion agencies in Pennsylvania. These include the American Dairy Association and Dairy Council Inc., Kingston; the Middle Atlantic Milk Marketing Association, Towson, MD; Mid East United Dairy Industry Association/F.O. 36 Advertising Agency, Columbus, OH; and the Pennsylvania Dairy Promotion Program, Harrisburg. Assistance will also be provided by county Dairy Princesses and promoters from across Pennsylvania.

Further information about dairy promotion activities at the PA Farm Show, including the dairy games, butter sculpture, and butter display, is available by calling (717) 787-6903.

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VISA

State FFA Awards Keystone

(Continued from Page E30)

Deanna Kuhns

Deanna Kuhns, 17, is the daughter of Mr. and Mrs. Clair Kuhns, of Millmont, in Union County. She is a 4-year member of the Mifflinburg FFA Chapter. Her activities include dairy herd, field corn for grain, soybeans, alfalfa and broiler projects.

Deanna is also on the chapter's citrus, FFA Week, and BOAC committees and serves as chairman of the exhibit and demonstration, and the executive committees. He said his activities include participation on a local and area level in land judging, and public speaking. On an area and state level he also participated in the west end dairy show, central district FFA Dairy Show, Area Youth Dairy Show, Pa. Junior Dairy Show, Local Tractor Driving Contest, Project Book Contests, and local forestry contests.

He lists his FFA Achievements as being assistant chaplain, chapter treasurer, chapter president, SUN Area Treasurer Star Greenhand, Star Chapter Farmer, Star SUN Area Farmer, North Central Star Farmer Scholarship awards 3 years, dairy proficiency award and diversified crop production awards at the chapter level, Pa. Farm business management team, Springfield, Mass., and placed eighth, second as a team, Washington Conference program, fall leadership conference, SUN Area Leadership conference. He said his plan is to continue with his dairy farming career.

Steven Landis

Steven Landis, 17, son of Edward and Shirley Landis, of Berlin, is a 4-year member of the Brothersvalley FFA Chapter, in Somerset County. He has been involved in work experience at the Pearl Stoner Farm, vegetable gardening and swine finishing. He has also been a member of the chapter's Food For America, Program of Work, Citrus Fruit sales, parliamentary procedure, BOAC, and calendar committees. He said his achievements include being chapter secretary, currently being chapter and county president, receiving Greenhand and chapter degrees; being a member of the national FFA band, participating in the state public speaking contest for 2 years, being a member of his parliamentary procedure team for 4 years, demonstration team for 4 years and being in the county interview contest for the past 3 years.

He said his plan is to attend a 4-year college and pursue a degree in environmental education or parks and recreation.

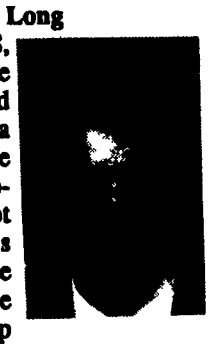
Chad Lebo

Chad Lebo, 17, son of Mel and Deb Lebo, of Halifax, in Dauphin County, if a 4-year member of the Halifax Area FFA Chapter where he has been involved in Farm Show sheep and grain exhibits and has work on projects involving Checker Show rabbits, and beef production. He has also recieved a bronze award for record keeping at the state level, was CDP area FFA sentinel and chapter vice president. His plan is to become an electrical engineer.

Paul E. Linkous

Paul Everett Linkous, 17, son of Paul Linkous Jr., is a 4-year member of the Kennard Dale FFA Chapter and is active in the salesmanship contest at the state and county level, the land judging contest at the county level and the dairy judging contest on a local level. He lists his acheivements as Star Greenhand, Chapter, White Rose and Keystone Farmer degrees. His currently chapter sentinel. His plan is to enter the Air Force, or go to a trade school.

Chris A. Long

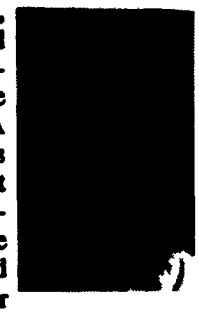


Chris A. Long, 18, of Terre Hill, is the son of Don and Delores Long. He is a 4-year member of the Grassland FFA Chapter at Garden Spot High School. His activities include members on the chapter's membership development, executive, cooperative, BOAC, Citrus, and leadership committees. He has also been working at Manor Gold Course for his SAE work experience project. He said achievements include being student advisor, and winning a proficiency award and silver metal for turfgrass and a proficiency award for soil conservation. He said his plans are to pursue an agronomy degree from Penn State University.

Emily Lott

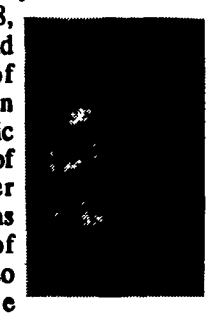
Emily Lott, 17, is the daughter of Mr. and Mrs. Robert Lott Jr., of Biglerville, in Adams County. She has been a 4-year member of the Apple City FFA Chapter. He activities include serving on the chapter citrus and flower bulb sales committees, the greenhouse project committee and she attended a freshman leaderhsip conference. Her achievements include being named outstanding freshman, earning her Star Greenhand degree, serving as chapter historian, winning a bronze medal at states for a project book, serving as chapter secretary, is currently chapter president, and served as chairperson of the PSU Collegiate educational tour. She also has won a chapter public speaking proficiency award, and attended an AF-1 Business seminar for teens and the National Institute on Cooperative Education and is involved with the Pennsylvania Council of Cooperatives. Her plan is to major in entomology at Penn State University and eventually become an entomological consultant.

Loretta Loump



Loretta Loump, 16, daughter of Clyde and Betty Loump, is a 4-year member of the Tulpehocken FFA chapter where she is involved in rabbit production and on-farm work experience projects. She attended at PCC Summer Institute at Shippensburg this summer and serves on the chapter's cooperation, scholarship and public relations committees. She is chairman of the leadership and conduct of meetings committees. She said her achievements include being chapter secretary, and earning her chapter Greenhand and Chapter degrees. For two years in a row she received the chapter scholarship award. Her plan is to work on her parents' dairy farm, but she is not ruling out college.

Michael Lydic



Michael Lydic, 18, is the son of Jim and Dianna Lydic, of Marion Center, in Indiana County. Lydic is a 4-year member of the Marion Center FFA chapter and has raised 30 head of dairy cattle. He is also involved with the banquet committee, raising market steers, dairy judging, was senior champion showman at the county fair, won a gold metal award in dairy judging at Penn State University during state FFA Week and was a member of the second place team at the All-American Dairy Show. He lists his achievements as receiving the Star Greenhand, Star Chapter and Western Star Farmer degrees; and receiving awards in dairy, beef and forage proficiency and beef production. He has served as chapter president and chaplain and was county treasurer. He said his plan is to go to college to study dairy management and to return to the family dairy farm.

(Turn to Page E34)

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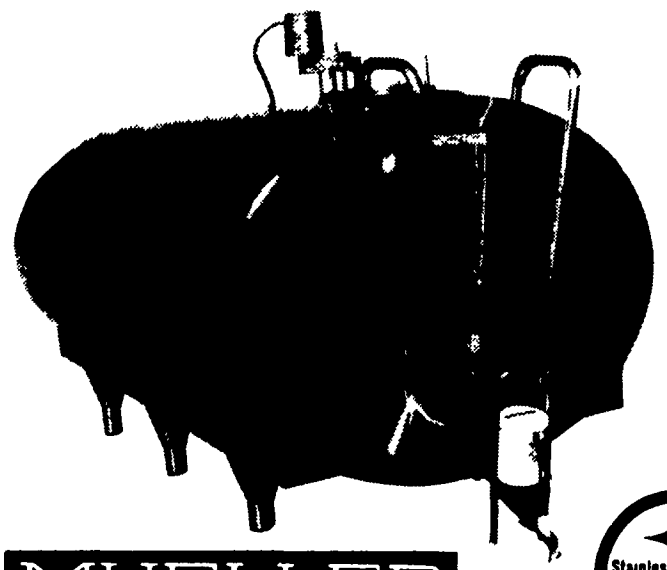

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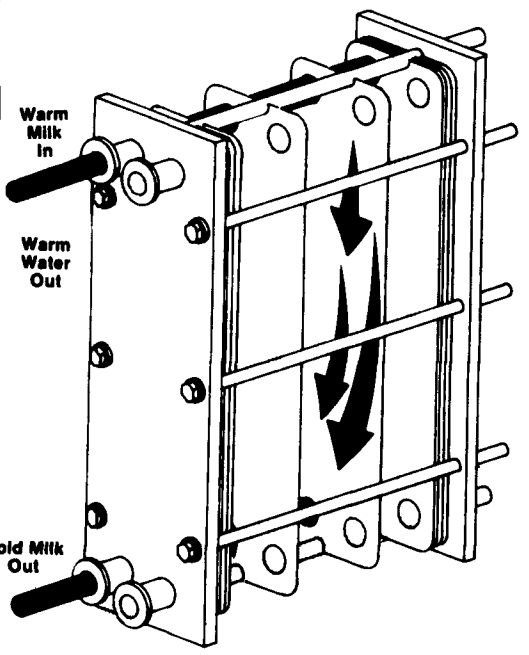

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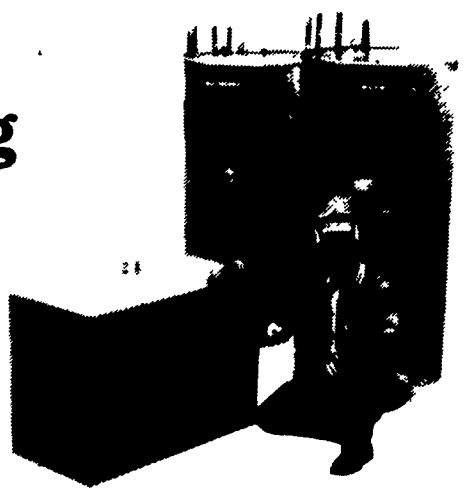

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State FFA Awards Keystone

(Continued from Page E32)

Derek Martin

Derek Martin, Shippensburg, Franklin Co., has served on the Shippensburg FFA banquet committee, salesmanship committee, and on the FFA pig club. Work experience for Derek includes dairy farming. Derek has served as student advisor and has received the Chapter Farmer and Area Farmer degrees and the swine production award. Derek plans to continue farming on the family dairy.

Steve A. Martin, Jr.

This Bermudian Springs FFA'er has served on banquet and other committees, and has various levels of FFA work experience, includilng a horse experience project. Son of Mr. and Mrs. Steve A. Martin, Sr., York Springs, Adams Co., Steve has received the Greenhand, Chapter, and County degrees, and plans to become an auto mechanic.

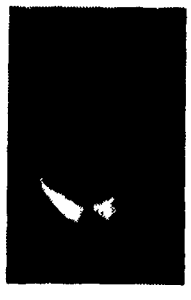
Francine Martz

Francine Martz, 18, daughter of Mr. and Mrs. Byron Martz, of Dalmatia, in Northumberland County, is a 5-year member of the Line Mountain-Mahantango FFA Chapter. Her activities include being involved with dairy herd, market swine, breeding swine, market lambs, and breeding sheep projects. She was also a delegate to the state convention and participates in the work experience program. Her achievements include being chapter secretary, treasurer and SUN Area secretary. She has received the Northumberland County Star Farmer degree and won awards in the state extemporaneous speech contest, state dairy showmanship and livestock judging contests, the KILE Stockman's contest and various local judging contests. Her plan is to get a college agriculture degree and "to break negative stereo-typical attitudes toward farming in the non-agricultural community and have my own profitable farm."

Joseph D. Maust

Committees of which Joseph Maust, Mt. Davis FFA, has been involved with include maple project, sweetheart, and fruit sales. Son of Leroy and Eleanor Maust, Salisbury, Somerset Co., Joseph has received the Greenhand and Chapter Farmer degrees and the ag mechanics award.

Alicia Sonja McDonald



Chestnut Ridge FFA member Alicia McDonald has worked on a variety of FFA projects, including swine production, dairy production, and rye, barley, and sweet corn projects. Alicia, daughter of Galen and Sonja McDonald, Imler, has served her chapter as secretary, vice president, and president.

She has received the Star Greenhand, Star Chapter Farmer, and has shown in various local and regional dairy shows. She is also a member of various dairy clubs, including National Junior Holstein Breeder, National Junior Guernsey Breeder, and other organizations.

Tracey McConn

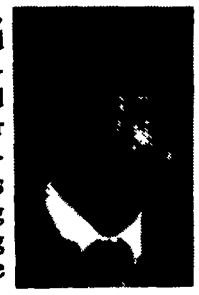
Daughter of Thomas and Joyce McConn, West Alexander, Washington Co., Tracey has served her McGuffey FFA chapter four four years on a variety of committees, including community service, scholarship, state and national activites, alumni relations, and recreation.

She has been involved in a variety of breeding sheep, sheep finishing, and beef finishing projects. Tracey has also held office as secretary, vice president, county president, and currently is chapter president. She was awarded the Star Greenhand degree, and plans a career in veterinary science.

Dave McCoy

Dave McCoy, 18, son of Lori Garell, Wellsville, in York County, is a 4-year member of the Gifford Pinchot FFA Chapter and is involved in the chapter's citrus sales committee and the Dillsburg Farmers' Fair. He has served as chapter sentinel, and is currently its vice president. He has earned Greenhand, Chapter Farmer and White Rose degrees and won forage crop production awards, Star Chapter Farmer, and was named outstanding agri-science student at Northern York High School. Already enlisted in the Navy, he plans to be working construction with the SeaBees.

Keith Irl Millard



Keith Irl Millard, 17, son of Keith and Pat Millard, of Linesville, Crawford County, is a 4-year member of the Linesville FFA and is involved in breeding sheep, sheep shearing and serving on the chapter BOAC committee. He has also served as chapter secretary and earned his Chapter Farmer and County Farmer degrees. His plans are to pursue a veterinary degree through Penn State University.

Jennifer Miller

Jennifer Miller, 17, daughter of Jim and Linda Miller, of Newville, in Cumberland County, is a 4-year member of the Big Spring FFA Chapter. Her activities include serving on the chapter's scholarship, public relations, banquet, Foor For America, Penn Releaf, and citrus sale committees. She is also involved in market swine, horse breeding, pleasure horse and dairy calf projects. Her achievements include being junior reporter, secretary, and president of the chapter, earning her Greenhand, Chapter Farmer and Area Farmer degrees. She has also won awards for being Star Greenhand, Star Chapter Farmer and showing proficiency in public speaking and horse production. Her plan is to pursue a teaching degree in elementary education.

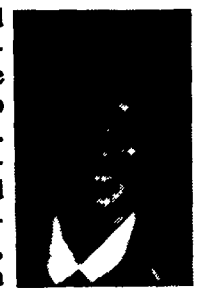
Jesse Miller

Jesse Miller, 17, son of Thomas and Marilynn Miller, of Blue Ball, is a member of the Grassland FFA Chapter at Garden Spot High School in Lancaster County. He is involved in a raising veal calves, breeding sheep, serving on the chapter ESI, SAE, BOAC, and Executive committees. He has competed on the chapter Parliamentary Procedure team and in the state gas engine, state dairy foods contest. He has attendend the National FFA Convention, the Washington Conference Program, Keystone Stockmans Contest, Penn State Block and Bridle Livestock Judging contests. He said his achievements include being vice president of member relations, second vice president of member relations, winning an ag electrification proficiency award and honors in land and water and sheep production. He has also won Greenhand, Chapter, and Red Rose degrees. His plan is to attend a 4-year college or a technical school.

Shawn Miller

Shawn Miller, son of Robert and Debre Miller, of Markleton, Somerset County, is a 5-year member of the Somerset County AVTS FFA Chapter. He has been involved in a number of committees and projects, including BOAC, Farm Show, banquet, citrus fruit, county contest, demonstration, education activities, National FFA Week, Forestry Field Meet, Photography, program of work, safety, scrapbook, spring trip, sweetheart and tree seedlings. His projects have been wildlife and work experience. He lists as achievements being chapter sentinel for 3 years, treasurer, and earning his Greenhand and Chapter Farmer degrees. He has won a fifth place award in forestry at Penn State and was third in Eastern States competitions. For demonstration, he was first in county and second in the state and placed second in Somerset County in the annual Envirothon. His plan is to work in either forestry or heavy equipment operation.

Amy Miller



Sheep breeding and on-farm work experience highlight the activities of Conewago FFA'er Amy Miller. The three-year member has also involved herself on the membership, FFA Week, and Food for America committees in the chapter.

The daughter of Joseph and Vicki Miller, New Oxford, Adams Co., Amy has served as secretary for the chapter. She received the Star Greenhand and Outstanding Senior Agribusiness honors. She plans to attend Northeastern Iowa Community College for dairy herd management and to continue raising and showing sheep.

Dean Mitulski

Dean Mitulski, 17, has been a member of the Fort LeBoeuf chapter for four years. He has projects in swine breeding and finishing; beef breeding and has work experience on the farm.

Dean has been chaplin and treasurer of his local chapter. His future plans call for college to study for range management.

Melanie L. Monn

Blue Ridge FFA'er Melanie Monn has received awards for wildlife conservation and has received her Greenhand and Chapter Farmer degrees. She has participated in various fund-raising activities, including fruit and sandwich sales, parades, and other activities. Daughter of Debra S. Freeman and Jacob C. Monn, Jr., Melanie will become a physical therapist.

Michael Allen Moyer

Michael Allen Moyer, son of Jerry and Nancy Moyer, Schuylkill Haven, Schuylkill Co., has participated in a wide array of Blue Mountain FFA activities, including banquet, fund raising, and BOAC committees. He has worked in various on-farm projects, including a fruit farm and in agricultural carpentry. Michael has obtained the Greenhand, Chapter Farmer, and bronze award in land judging at the state level. He has served as chapter sentinel and chaplain. He plans to enroll at Penn State in wildlife and fisheries science.

Donnie L. Myers

Cider sale, sandwich sale, and work experience committees form the activities this Bermudian Springs FFA'er has been involved with. Donnie Myers, York Springs, Adams Co., has been a member of the parliamentary procedure team and has obtained the Greenhand degree. Donnie plans to become an auto body technician.

Scott T. Myers

Scott T. Myers, 18, son of William and Ada Mae Myers, of Bedford, is a 4-year member of the Bedford FFA Chapter where he has been active breeding sheep, raising market lambs, working with the chapter citrus sales and banquet committees and participating on its livestock judging, dairy judging, and land judging teams. His achievements are being chapter treasurer and president, earning his Greenhand and Chapter Farmer degrees, and winning awards for agricultural production and agricultural mechanics. His plan is to pursue higher agricultural education and raise a flock of registered sheep.

Christopher Nelson

Christopher Nelson, Kennard-Dale FFA'er, has served as chapter reporter and parliamentarian. He has also attended the national convention and participated in various contests, including the small gas engines, forestry, dairy judging, and other events. Christopher, son of William and Jane Nelson, Fawn Grove, York Co., has obtained the Greenhand and White Rose degrees, and plans to enroll in Williamsport School of Technology and major in auto mechanics.

Johnathan R. Nitchman

A diversity of FFA projects has filled the time of four-year Conewago FFA member Johnathan Nitchman. The son of Rodney and Susan Nitchman, Hanover, Adams Co., Johnathan has garnered work experience on rabbits, hogs, and on livestock judging and with the state ag mechanics and small engine contests. He attended the state leadership conference and the national convention. He also received the Greenhand, Chapter, and Apple degrees, and served as chapter vice president.

Shelly Ogline

During the summers of 1990 and 1991, Shelly Ogline, Grassland FFA member, surveyed local farmers about nutrient management practices for the ag education and extension department of Penn State. She has participated in a host of FFA activities, including a Lancaster Co. Science Fair project, and attended the

(Turn to Page E36)

State FFA Awards Keystone

(Continued from Page E34)

Pa. Governor's School for Ag Sciences (while there, she worked on a research project testing the strength and durability of Portland cement mixed with hardwood pulp).

Shelly, daughter of Dr. and Mrs. Philip Ogline, Denver, Lancaster Co., has served on the leadership and community service committees, and held positions of chapter secretary, vice president, and president. She has received numerous chapter proficiency awards, most notable her work as chairperson of the BOAC program, which placed fourth in the nation. She has received the Star Greenhand, Star Chapter, and Red Rose degree honors. Shelly plans to attend Penn State and major in environmental resource management or ag communications with a minor in international agriculture.

Mike Oswald

Swine projects and banquet committee activities are some of the activities undertaken by Bermudian Springs FFA'er Mike Oswald. Mike, son of Mr. and Mrs. Barry Oswald, East Berling, Adams Co., has served as chapter vice president and received the Chapter degree, in addition to the swine proficiency award. He plans to enroll in animal science at Penn State.

Dawn Marie Patterson

Cowanesque Valley FFA'er Dawn Marie Patterson has worked on a variety of supervised ag experience projects, including dairy herd and beef finishing and growing. She has also served on the citrus sale, float, and bulb sale committees.

In addition, Dawn has also served as chapter reporter and treasurer. Daughter of David and Patricia Hunt, Westfield, Tioga Co., Dawn has attended the Washington Conference and the national convention, and received various awards, including chapter dairy proficiency award and dairy food awards. She plans to attend college and major in animal husbandry (dairy) with a minor in general agriculture.

Chris Parrish

Chris Parrish has served on various Spud Growers FFA committees, including banquet deco, scrapbook, birdseed sales, and land judging. Chris, Coudersport, Potter Co., has received the Greenhand and Chapter degrees and won various proficiency and land judging awards, in addition to chapter scholarship.

Jody Pettit

Jody Pettit has been a member of West Greene FFA for four years. During her FFA involvement, she has participated in public speaking, state chorus, dairy foods, dairy judging, and livestock judging. She has also shown steers and market lambs at the local fairs.

Jody served as chapter treasurer for two years. Her SAE projects include beef breeding, beef finishing, and market lambs.

Mark Potter

Central Columbia FFA member Mark Potter has work experience of three years in ag construction, and has served on recruitment, Bloomsburg Fair, citrus sales, and conduct of meetings committees. He has been student advisor to the chapter, and has received the Greenhand and Chapter Farmer degrees. Future plans include work for ag construction.

Betsy J. Pownall

Currently Solanco FFA vice president, Betsy Pownall has worked on a variety of FFA projects, including barley, dairy herd, soybeans, corn, and other work experience. She has served on the following committees: public relations, FFA Week, banquet, Greenhand, float, and window exhibit.

She has received various awards, including a gold in the state project book contest; third in land judging; and second place, individual, in land judging. She also received the 1991 Keystone Farm Credit record book award. Betsy, daughter of Mr. and Mrs. Walter Pownall, Quarryville, Lancaster Co., will attend the National Land Judging contest in Oklahoma in the spring of 1992. She plans to be a dairy farmer.

Tommy Pyle

Greenwood FFA member Tommy Pyle, son of Dave Pyle, Millerstown, Perry Co. has served on various chapter committees, including citrus sale, safety, public relations, and work experience. Tommy has received the Greenhand, Chapter, and CDP Area degrees. He plans to join the service and to become a machinist.

Jeffrey A. Radel

Jeffrey A. Radel, Selinsgrove FFA member, has served as chapter vice president, treasurer, and assistant treasurer. He has been involved in various committees as chairman, including FFA supplies, budget committee, and citrus committee. Other committee involvement includes corn club, exhibit, small animal chain, large window exhibit, and BOAC. He has received the Greenhand, Star Greenhand, Chapter Farmer, and Star Chapter Farmer honors. He plans to attend Penn State University to study agronomy or soil science.

Michael G. Reich

Dairy herd and field corn experience comprised the activities of West Snyder FFA'er Michael Reich. He has served on the dairy calf ring, Food for America, citrus sales, and banquet committees. In addition, Michael, son of Mr. and Mrs. Gerald Reich, Beavertown, Snyder Co., has held positions as vice president and president of the chapter. He has received the Greenhand, Chapter, and SUN Area degrees and dairy and grain production awards. Michael plans to become a dairy farmer.

Brian E. Reichard

Brian Reichard, an FFA member of the Blue Ridge chapter, is the son of Edgar and Frances Reichard of Chambersburg. His SEAP consists of dairy herd Holstein and herd Jersey and also on-farm work experience, with work on his father's 137-acre dairy farm. Brian is chapter president and has held positions of sentinel and vice president. Future plans include working on his family's farm and to own a farm of his own.

(Turn to Page E36)

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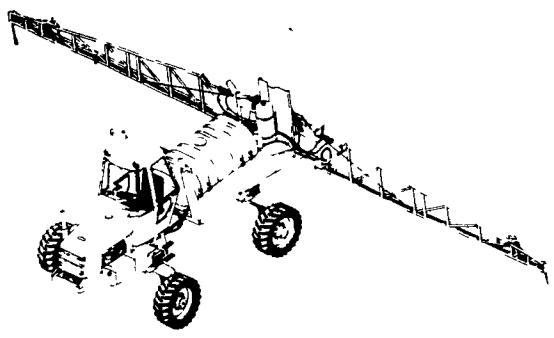

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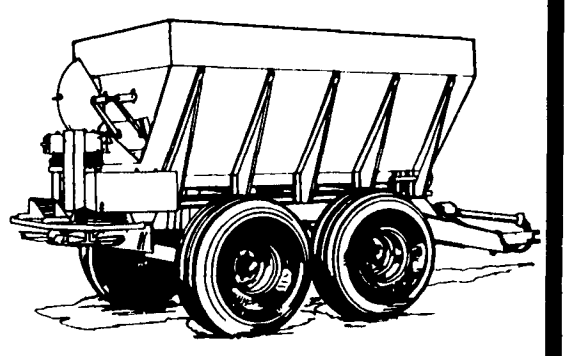

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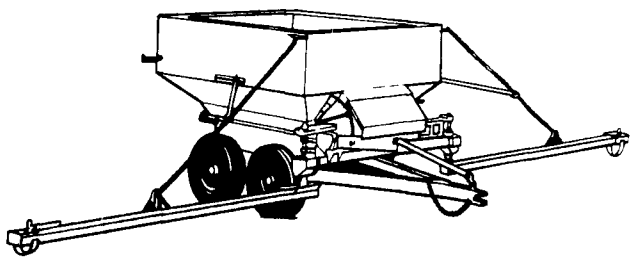

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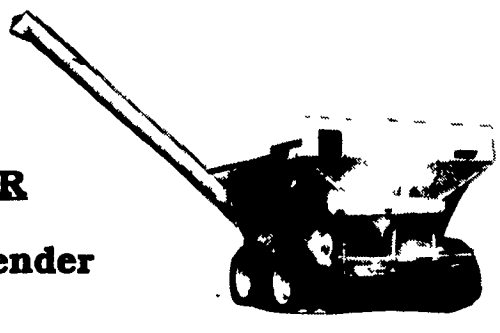

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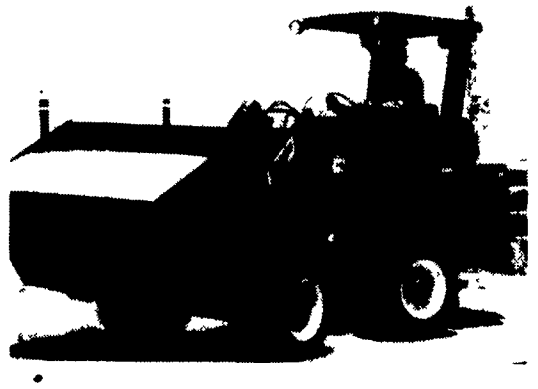

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State FFA Awards Keystone

(Continued from Page E35)

Craig Reichart

Offices held by this Central Columbia FFA member include sentinel and president. Craig Reichart, son of Mary and Gordon Reichart, Bloomsburg, Columbia Co., has work experience in ag mechanics for four years and has served on the Bloomsburg Fair, citrus sales, and recruitment committees. He has also been a member of the livestock judging, ag mechanics, and small engines teams. Various awards he has received include Greenhand, Star Greenhand, Chapter Farmer, Star Chapter Farmer, and citizenship awards. Craig wants to work in ag mechanics.

Raymond P. Reinhard, Jr.

Four-year Twin Valley FFA'er Raymond P. Reinhard Jr. has been involved in various FFA activities in his chapter, including dairy judging, citrus sale, bulb sale, tree planting, forestry contest, livestock judging, leadership conferences, and record book contest. Son of Raymond P. Sr. and Anna M. Reinhard, Birdsboro, Berks Co., Raymond has received the Chapter Greenhand degree and various proficiency awards for sheep, fish, and animal specialty, and project book awards. Raymond plans to attend college and become a waterway patrol officer or become involved in fish management.

FFA

Jeff Richards

United FFA member Jeff Richards, son of Harry and Ruth Richards, New Florence, Indiana Co., has participated in a wide array of FFA projects. Those include wildlife contest (first place, county), project book (county first place) and archery club.

Jeff has served on the Red Barn Sportsmen's Club, Adopt-a-Stream, banquet, kindergarden, and fourth grade field trip committees. He has been chapter advisor and president of the FFA. He also served on the Envirothon team. He plans to enroll in a wildlife management curriculum.

Duane Ringler

Various poultry and dairy contests have occupied the FFA projects of Duane Ringler, Grassland FFA member. Duane, son of Ivan and Irene Ringler, Narvon, Lancaster Co., has placed in various county contests and has held positions in the chapter of treasurer and on committees, including BOAC, recreation, financial, membership, and other committees. He has received the Greenhand, Red Rose, Star Red Rose, Star Chapter, and other awards and degrees.

Kevin Rishel

Beef and poultry production experience rounds out some of the FFA projects that Kevin Rishel, Mifflinburg FFA member, has been involved with. Son of Jack and Carol Rishel, Mifflinburg, Union Co., Kevin has also served on the Food for America, dues, finance, and executive committees. He has also particpated in the land judging, forestry, public speaking, beef show, and other contests. He has held positions of chapter sentinel and chaplain, and has received chapter proficiency awards for beef and poultry production, forestry management, and record book contest.

Randy Ritches

Projects that Randy Ritches, McGuffey High School FFA member, have been involved with include sheep breeding, market lamb, and related work. Randy, son of Herman and Wanda Ritches, Claysville, Washington Co., has served on various committees, including public relations, financial, and recreation. Randy has shown at numerous fairs, and competed in

(Turn to Page E38)

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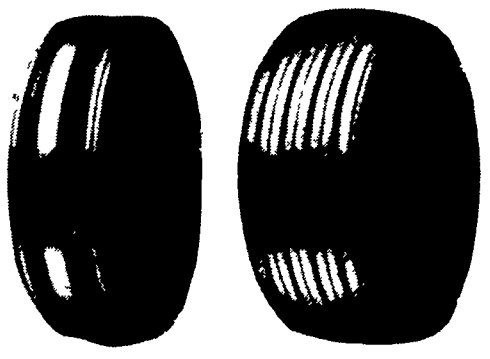

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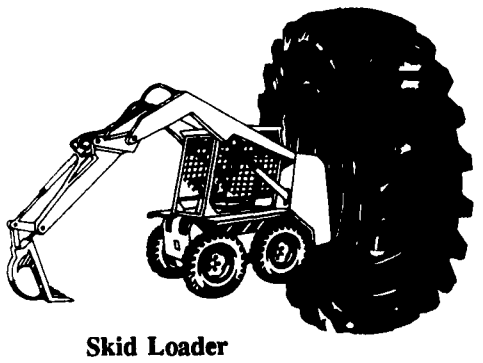

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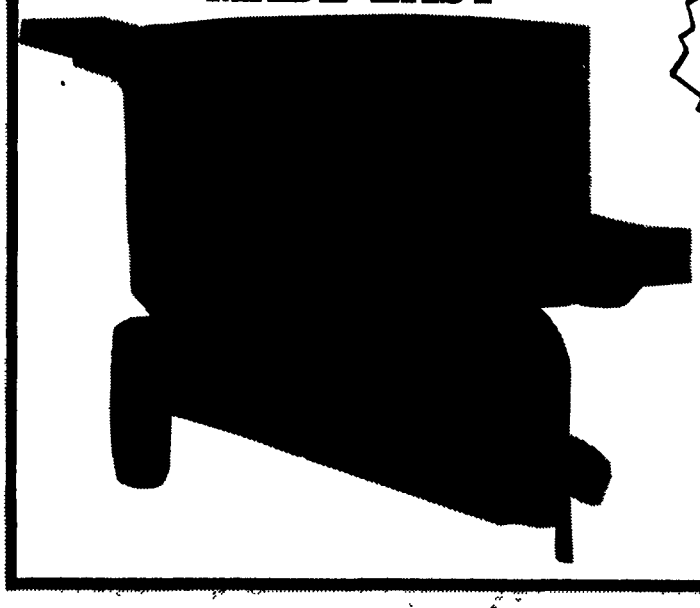

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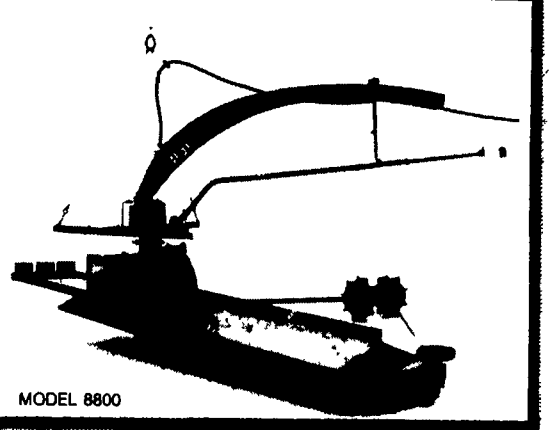

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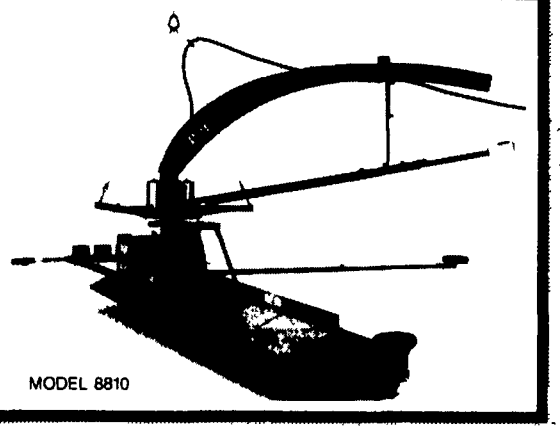
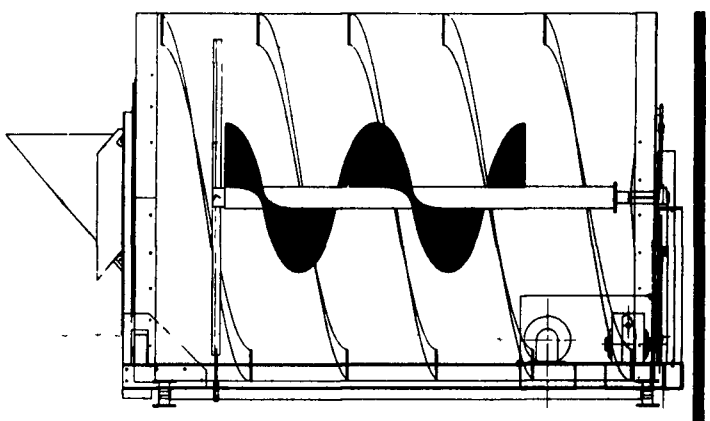


MODEL 8810



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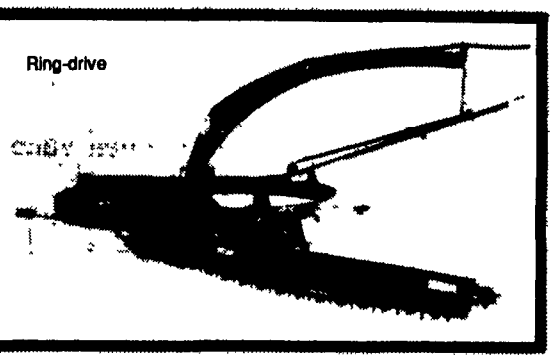

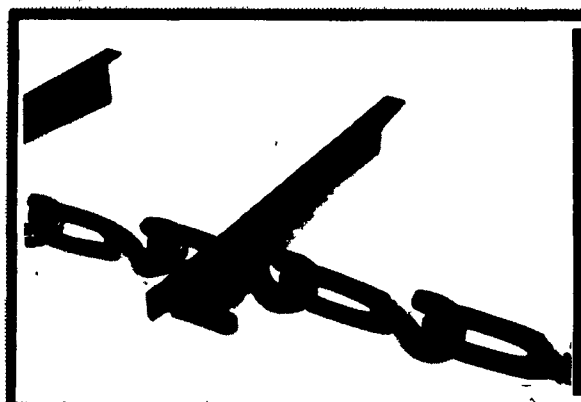

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State FFA Awards Keystone

(Continued from Page E36)

county and state dairy foods contests. He serves as chapter sentinel and student advisor, and has obtained the Greenhand, Chapter, and County degrees. He plans to obtain an associates degree in electronics.

Scot Andrew Robertson

Serving in the past as H.G. Parkinson chaplain and vice president, Scot Andrew Robertson has also served on various committees, including supervised ag experience, Krepps bridge, alumni relations, and cooperation. Scot has received the Greenhand, Chapter, and County degrees. The son of John and Ruby Robertson, McDonald, Washington Co., Scot plans to attend college to receive a degree in dairy cattle production.

Mike Robison

Serving as 1991-1992 assistant vice president of the Central Cove FFA, Mike Robison has worked on various beef and swine finishing and on-farm work experience projects. He has also participated in land judging and served on the Food for America committee. He has received various project book awards in the county and area contests and was a member of the small gas engine team for the State FFA Week. He plans to become a state trooper.

Jenny Ross

Currently Solanco FFA reporter, Jenny Ross, daughter of Mr. and Mrs. Harold Ross, Quarryville, Lancaster Co., has served on various committees: float, water testing, window exhibit, pumpkin contest, and petting zoo. She has been involved in a number of off-farm work experience and wildlife projects. In addition, Jenny has received the Star Greenhand and Star Chapter FFA awards and the Greenhand, Chapter, and Red Rose degrees. Jenny plans to attend college, majoring in parks and recreation to become a park ranger.

committees, including livestock, Food for America, and executive. He has competed in various contests, including the Pa. Pork Producers Council speaking contest, and various livestock judging and record book contests. He has served as assistant sentinel, chapter vice president, and has the Greenhand, Chapter, and SUN Area degrees. He plans to attend college and major in environmental science.

Aden J. Russell

Dairy cows, heifers, corn, hay, oats, recreation committee, BOAC committee, banquet committees, and participation in dairy judging at the Pa. All-American show are some of the activities this Blue Juniata FFA'er has been involved with. Aden J. Russell, Alexandria, Huntingdon Co., has received various awards and recognition, including Star Greenhand, and serves as chapter reporter. Aden plans to work on the family farm.

Jeremy Schans

Dairy cow and other farm work experience round out the FFA activites of Grassland FFA'er Jeremy Schans. Son of Roger and Elly Schans, New Holland, Lancaster Co., Jeremy has served on various committees, including conduct of meetings, national convention, petting zoo, and others. He served also as chapter sentinel, advisor, and vice president, and placed in various dairy judging contests and public speaking contests. Jeremy also received the Greenhand and Chapter degrees. He plans to enroll at Delaware Valley College.

Jennifer Scherch

Serving as Bucks County Tech FFA secretary and president, Jennifer Scherch has been involved with the VSO Leadership and Made For Excellence conferences, in addition to the national convention leadership workshops. Daughter of William and Janet Scherch, Levittown, Bucks Co., Jennifer has received the Floriculture Proficiency Award, and placed in competition with the regional floriculture team. She also placed at the state level in floriculture competition. She plans to attend a four-year college and open up a flower shop.

Michael Seitz

Michael Seitz's participation is the West Snyder FFA Chapter for four years has brought him experience in swine breeding and knowledge of ducks and rabbits. His committee projects in the organization have included chairman of National FFA Week and the Chicken Bar-B-Que, as well as participation in the Citrus Sale. Aside from the leadership experience as a committee chairman, Michael has received the Swine Proficiency Award, top salesman in the citrus sale and awards in livestock and dairy judging. His degrees include Greenhand, Chapterr and SUN Area. Son of Mahlon and Mary Seitz of McClure, Michael seeks a position in ag sales.

(Turn to Page F5)

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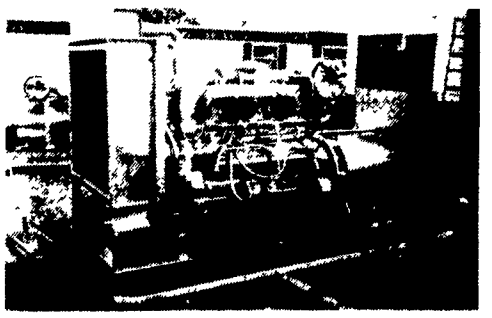
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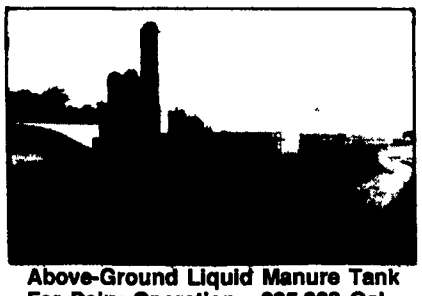
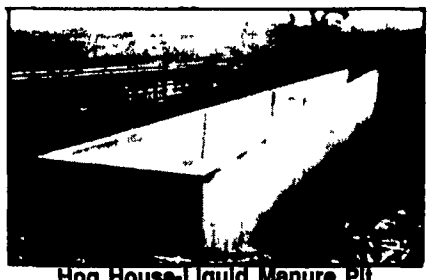
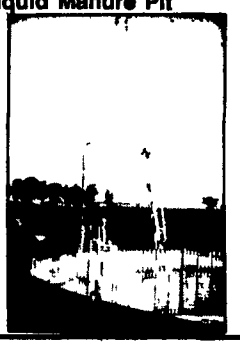
POURED SOLID CONCRETE STORAGE SYSTEMS
17 Years Experience In Pouring Concrete Manure Pits!

Above-Ground Liquid Manure Tank For Dairy Operation - 235,000 Gal.

Hog House-Liquid Manure Pit

In-Ground Liquid Manure Tank For Hog Operation - 324,000 Gal.
Construction Of In-Ground Liquid Manure Tank- 425,000 Gallons.

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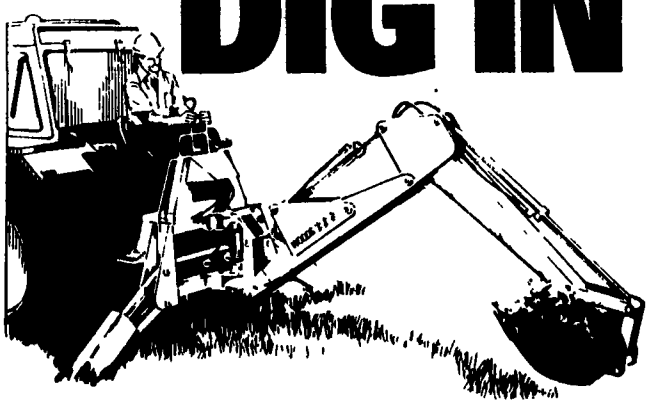

with WOODS model 1050 BACKHOE

Woods model 1050 reaches 13'1" and digs 10'7" below grade with tractors rated 50 hp to 130 hp. Ideal for farming, light construction and landscaping. Other uses include golf courses, nurseries, utility companies and cemeteries...footings, wiring trenches, irrigation ditches, drainage ditches...do them all and more. Woods model 1050 has the features that make the "on-the-job" difference.

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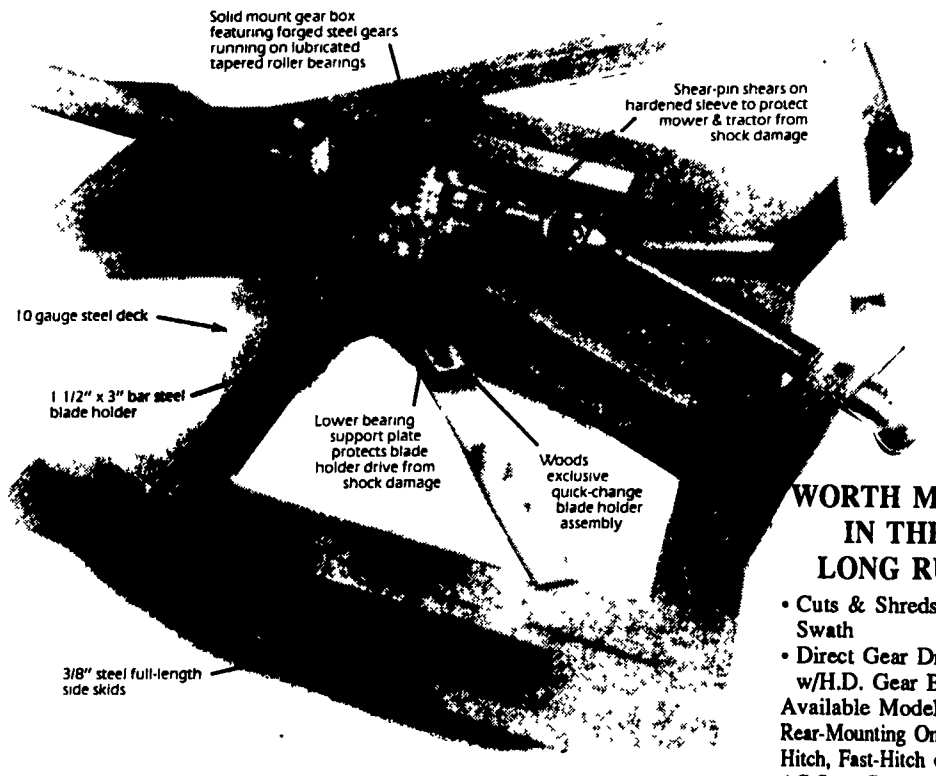
WOODS' M5 DIXIE CUTTER


Solid mount gear box featuring forged steel gears running on lubricated tapered roller bearings
Shear-pin shears on hardened sleeve to protect mower & tractor from shock damage
10 gauge steel deck
1 1/2" x 3" bar steel blade holder
Lower bearing support plate protects blade holder drive from shock damage
Woods exclusive quick-change blade holder assembly
3/8" steel full-length side skids

WORTH MORE IN THE LONG RUN

- Cuts & Shreds 5 Ft. Swath
- Direct Gear Drive w/H.D. Gear Box

Available Models For Rear-Mounting On a 3 Pt. Hitch, Fast-Hitch or AC Snap-Coupler.

MODEL HD210R

Features 5-Foot Center Section And 5-Foot Right Wing. Cuts A 10-Foot Swath. Ideal For Roadside Mowing.

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Features 7-Foot Center Section & Two 4-Foot Wing Sections. Cuts A 15-Foot Swath With 540 PTO Tractors.

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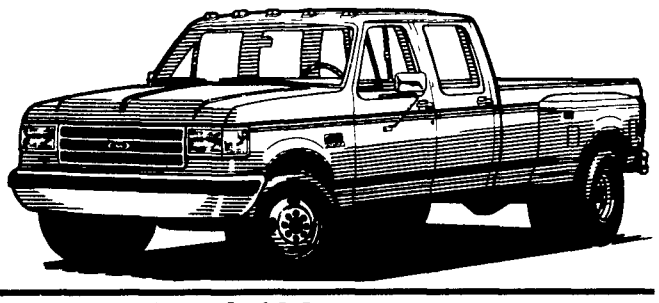
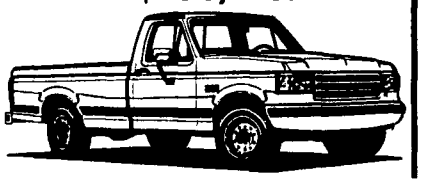


'92 FORD F-150 PICKUP (#3157)

Delivered Price **$8,998***

$196/Mo.



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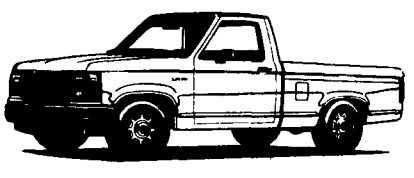

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7.3L, 5 Spd, PS, PB, AC, Tilt, Cruise #3293A

Was $16,498

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'91 FORD F-150 4x4 SHORT BED

Only 1942 Miles! #3141A

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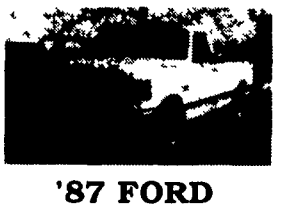

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'89 FORD RANGER 4x4

6 Cyl., 5 Spd., PS, PB, #P1112

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'89 FORD F-350 SUPERCAB DUALLY

V8, AT, AC, #P1167

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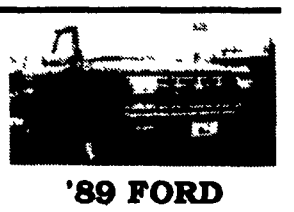

'89 FORD BRONCO II

Eddie Bauer, Loaded, #P1145

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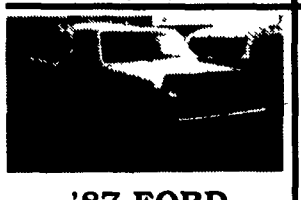
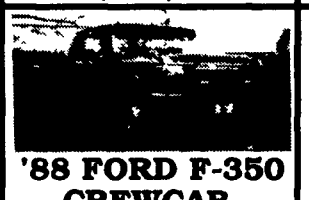


'87 FORD F-150 4x4

XLT, V8, 4 Spd., AC #P1132

Was $11,998

NOW **$9,998**



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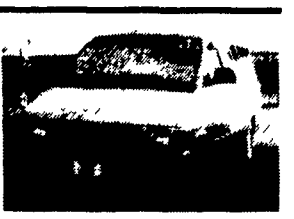

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Master Mix

Congratulates These #1 HERDS

Lancaster, York, Franklin And Adams Counties

#1 Lancaster County

Milk And Protein

SPRING BELLE

Roughage Program:

- 12 lbs. Alfalfa Hay
- 42 lbs. Corn Silage

Milking Ration Program:

- 16% Flaked Corn - AminoTek
- 32% High Fat AminoTek
- 20% AminoTek Top-Dressed According To Production

"We have been feeding Master Mix Feeds 20 plus years. Since the introduction of AminoTek our cows are up in milk production and butterfat.

Our first calf heifers are peaking from 80 to 110 lbs. and holding their peak longer. Mature cows are all peaking over 100 lbs. and some are as high as 148 lbs."

#1 York County Milk, Butterfat And Protein

ROBERT & RODNEY SMYSER

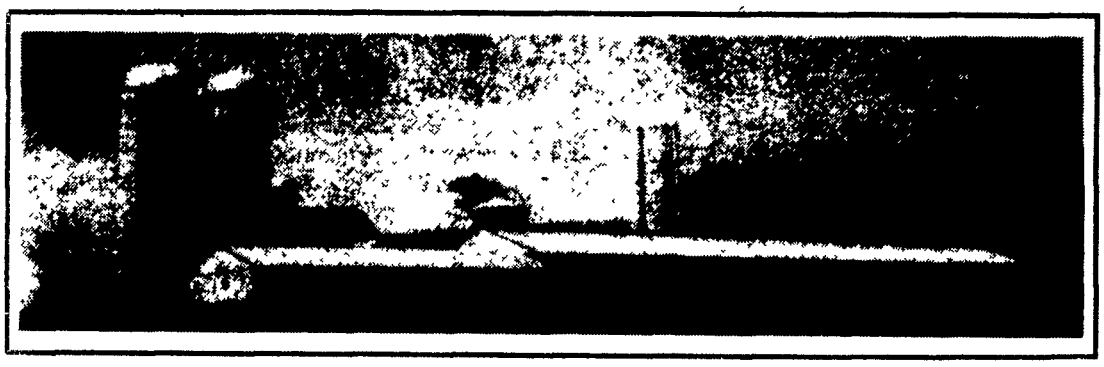
Richland Farms - York, PA

9-91: 25,869 Milk
868 Butterfat
789 Protein

ROUGHAGE PROGRAM:
Hay, Haylage, Corn Silage.

MILKING RATION PROGRAM:
Master Mix Protek™ 25% and Flaked Feed Mix, Top Dress Master Mix Protek™ 1890

R.V. & S.V. HOLLENSHEAD & FAMILIES
Mercersburg, PA Dealer: Sniders Elevator Inc.



#1 Franklin County

Milk, Butterfat And Protein

ROUGHAGE & MILK RATION PROGRAM

- 33 lbs. Haylage
- 18 lbs. Corn Silage
- 3 lbs. Alfalfa Hay
- 21.5 lbs. High Moisture Shelled Corn
- 7.5 lbs. 32% Hi Fat AminoTek
- 3.6 lbs. Roasted Beans
- 6 lbs. Energy Booster

1 Group TMR Balanced For 90 Lbs.

- .92 lbs. Minerals, Buffer, Niacin, Yeast

#1 Adams County-Milk Only:

JO JEN HESS

Gettysburg, PA

Dealer: Hoke Mills Inc., Abbottstown, PA

9-12-91: 21,222 Milk 693 Butterfat 654 Protein

Roughage Program:

- 26 lbs. Oatlage
- 4 lbs. Whole Grain
- 6 lbs. Hominy
- 48 lbs. Corn Silage
- 1.5 lbs. Alfalfa

Milking Ration Program:

- High Moisture Shelled Corn
- 32% High Fat AminoTek Fed According To Production

"The AminoTek Program has been working on our farm. With the drought of '91 behind us we hope to improve upon our cow records."

ENJOY THE PA FARM SHOW!
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ROLLING ON...IN THE 90's

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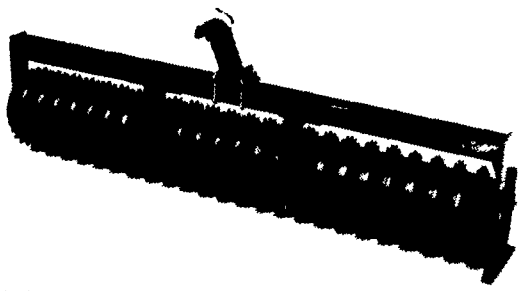
MEETS THE CHALLENGE

When Looking For Quality — BUY BRILLION

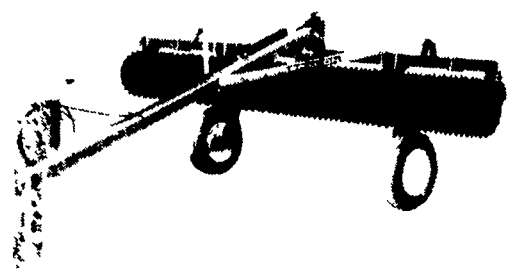
PP PULVERIZERS



This model pulverizer is designed for use with CAT I 3 point hitch tractors. The pulverizers are available in 6', 7', and 8' widths. They are available with your choice of three roller wheels. 16¼ " notched, 16½ " crowfoot, and the 20" notched ductile iron wheel.

Also Avail. As Pull Type

P SERIES PULVERIZERS



New P10 Series Single Gang available as pull type or transport. 10 ft. thru 16 ft. available with most old style rollers and the new 20" Ductile Wheel. **Also Available As Pull Type.**

X-FOLD PULVERIZERS

The X-Fold pulverizers are designed to meet the needs of today's larger acreage farmers... and Brillion offers them in two models and 11 sizes from 19' through 46'. Now available with 20" Ductile Wheels.

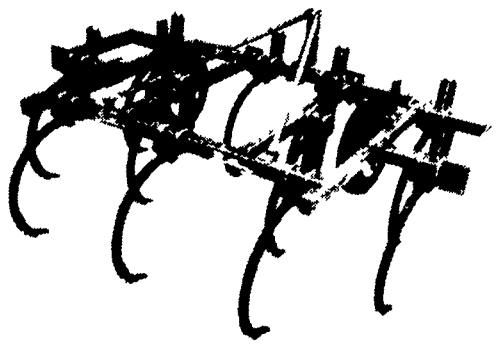
20 INCH DUCTILE Notched or Crowfoot ROLLER WHEELS

The fact that Brillion leads the industry in the sale of Pulverizers and Pulvi-Mulchers is because all Brillion Roller Wheels are made in Brillion's own modern foundry. This directly affects the cost and quality of these machines and gives Brillion a considerable advantage over the competition. Brillion's newest design, a 20" six spoke ductile iron notched or crowfoot wheel carries a **FIVE-YEAR LIMITED WARRANTY AGAINST BREAKAGE.**

FOR MEDIUM (40-75) H.P. TRACTORS

The Brillion 2-bar Chisel Plow was designed for medium horsepower tractors in the 40-75 h.p. range. Two types of ground working points are available: chisel points for fast, easy penetration and reduced draft or twisted shovels that roll the soil and mix it with field trash. Rigid or spring shanks available.

3 BAR CHISEL PLOWS



The CPP series of mounted models enables you to turn short and fast...to transport easily, utilizing your tractor's hydraulic system. 7, 9, 11, 13, or 10, 12, 14, 16 ft.

BRH RO-CROP CULTIVATOR

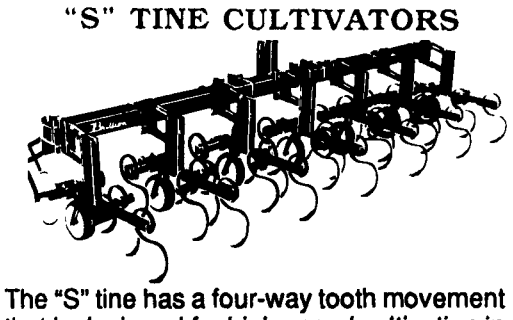
Mini Tillage

The heart of the BRH Ro-Crop is Brillion's No-Wobble Parallel Linkage. Heavy duty is an understatement, the linkage for each gang weighs over 50 pounds. Strength where it's needed, a Brillion tradition.

Heavy duty straight edge shanks allow high-speed tillage without throwing dirt or residue.

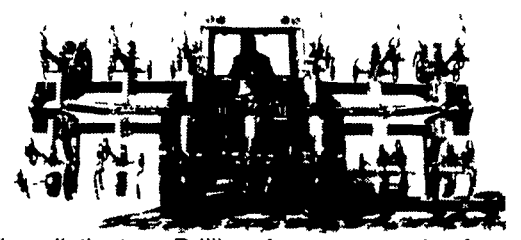
Underframe shank clearance of 25" allows you more days to cultivate your crops before they get too tall. 4, 6, 8, 12 row.

"S" TINE CULTIVATORS



The "S" tine has a four-way tooth movement that is designed for high speed cultivation in conjunction with chemical weed control. The spring tines perform well in dry or wet soil, even in rocky ground. The vibrating tines not only kill weeds, but also mulch the soil and level the ground. 4, 6, 8 row.

FLAT FOLD CULTIVATORS

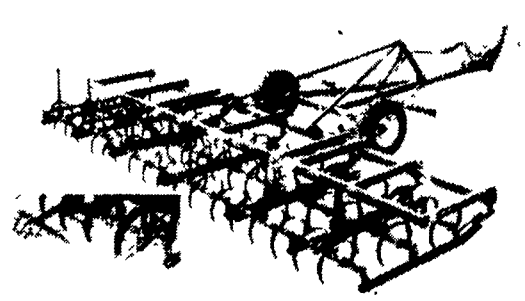


This distinctive Brillion features results from rigid parallel links made of high strength gray iron — each link weighs 12 pounds. The ends are fitted with 2" wide Nylatron sleeve bearings. With this wide bearing surface, frequent resettings in the field are eliminated. 6-8-12 Row.

FLAIL SHREDDERS

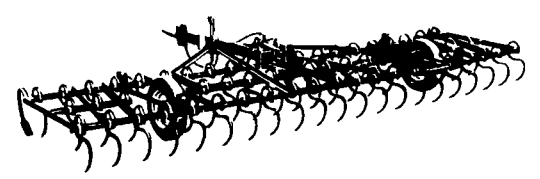
FLAIL SHREDDERS Heaviest gearbox on the market eliminates the number one cause of downtime. 12 ft. & 15 ft. Available w/side slicer knives 540 or 1000 RPM.

CART HARROWS



CART MOUNTED HARROWS Allows each section of the harrow to follow the contour of the ground but also has a cart that converts the machine for easy transport. 16 ft., 20 ft. & 24 ft.

SPRINGTOOTH HARROWS with "INSTANT" TRANSPORT



STS and STR series have low profile design with heavier tooth mounting bars, longer wheel wells and PRE-SET depth control. STR models have "C" shaped or ribbon teeth. STS models are equipped with spring tines. 8 to 20 ft.

FOR MORE INFORMATION... CONTACT YOUR BRILLION DEALER

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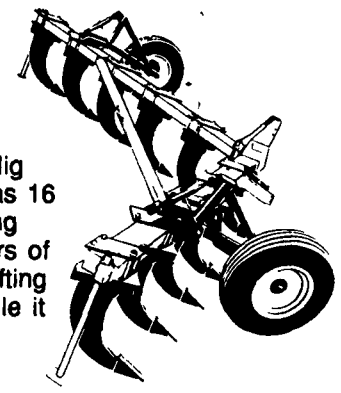
Brillion

MEETS THE CHALLENGE

The "Quality Crafted" Line

Better Seedbeds....Better Stands!

SUB-SOILERS



The husky, curved shanks of the Sub-Soiler dig down as deep as 16 inches, shattering compacted layers of plow sole and lifting the hardpan while it is being broken. 3, 5, 7, 9, 11 shanks.

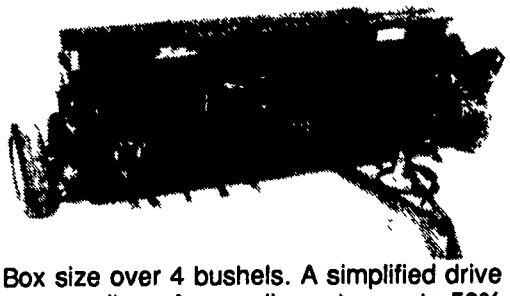
3-SHANK DEEP TILLS

The three shank model, shown above, has a Category II hitch With a cutting width of 7'6", it is ideal for operators with smaller acreages and horsepower It is extremely maneuverable, yet provides the same basic deep tilling job as its "big brothers "

7 SHANK DEEP TILLS

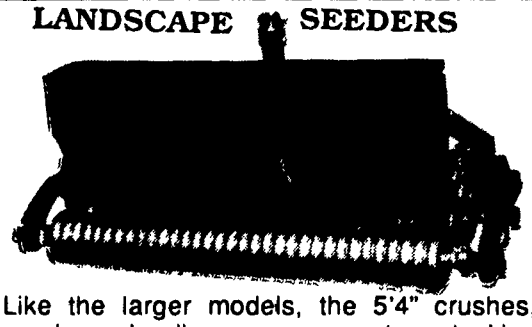
The 7 shank model shown here, as well as the 5 shank model, has a Category III hitch This model is equipped with single individual trash cutting coulters and cuts a 17'6" width It uses manual gauge wheels

NEW SS8 & SS10 SEEDERS



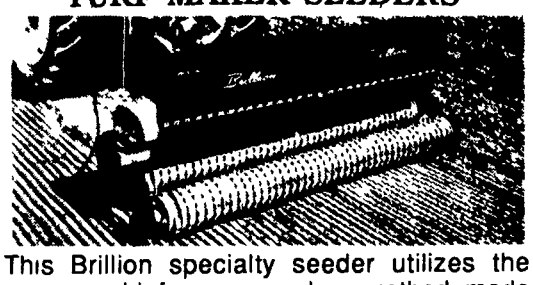
Box size over 4 bushels. A simplified drive system allows for seeding rates up to 50% greater than previous models. A heavier drawbar and frame was designed for use in more rugged conditions. Available in 8' & 10' Lift Type and 8' & 10' Hydraulic Transport Model. 12' SST 144 Also Available.

LANDSCAPE SEEDERS



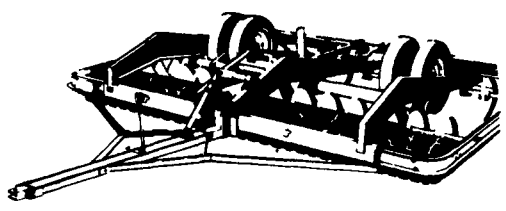
Like the larger models, the 5'4" crushes, seeds and rolls in one operation, tucking seeds in the top ¼ " of the soil... in a firmed clod-free seedbed that gives thick, even stands at greatly reduced seeding costs. The shallower seeding depth is just right for controlled moisture and growth conditions.

TURF MAKER SEEDERS



This Brillion specialty seeder utilizes the same world famous seeding method made popular by the "Sure-Stand" agricultural model grass seeder. Variations in seedbox capacity and seed metering mechanisms make these the ideal seeder for special requirements of professional landscapers, turf and sod raisers. 10 ft.

M-MD PULVI-MULCHERS



The Brillion Pulvi-Mulcher converts fall or spring plowings into clod-free, high yeild seedbeds. Just flick the tractor hydraulic control pulvi-mulcher lifts to transport wheels. Available from 7'4" to 15 ft.

ML SERIES PULVI-MULCHERS

NEW SERIES 03 - Built to last.

- Easy rolling 20" ductile iron notched or crowfoot roller wheels with a 5 year limited warranty.
- Longer life external mounted bearings.
- Longer, heavier drawbar for shorter turns. Available 12'6", 13'10" & 15'2"

There's lots more reasons to buy Brillion... stop in and we'll talk.

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NEW SERIES 03 - Built to last.

- Easy rolling 20" ductile iron notched or crowfoot roller wheels with a 5 year limited warranty.
- Longer life external mounted bearings.
- Longer, heavier drawbar for shorter turns.

There's lots more reasons to buy Brillion...stop in and we'll talk.

Available 21'8", 25' & 30'

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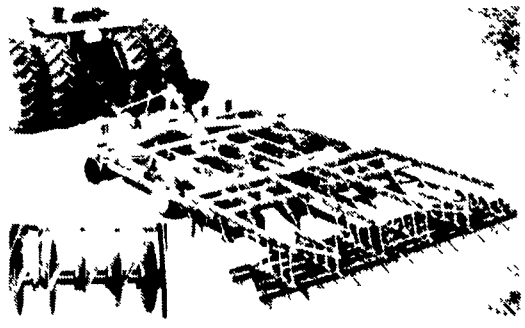
SOIL BUILDERS. Coulter gang can be hydraulically controlled to save maintenance dollars. 5, 7, 9, 11 & 13 shank Available in 2 & 3 bar

SOIL GROOMERS



Main illustration shows 12-foot Soil Groomer with spike drag harrows. Insert photo shows disc arrangement with 18" dia. discs that move soil inward to reduce ridging. Scrapers are adjustable. 12 to 30 ft.

LANDCOMMANDER

Controls compaction, rough fields, soil erosion & residue management problems. Adjustable front disc gangs cut the residue. Auto-reset shanks penetrate the soil 8 to 20" to break-up compaction. The rear discs break clods, incorporate residue and level fields. To leave more surface residue and control erosion, raise the gang. Easy manual or hydraulic adjustments change disc cutting depth.

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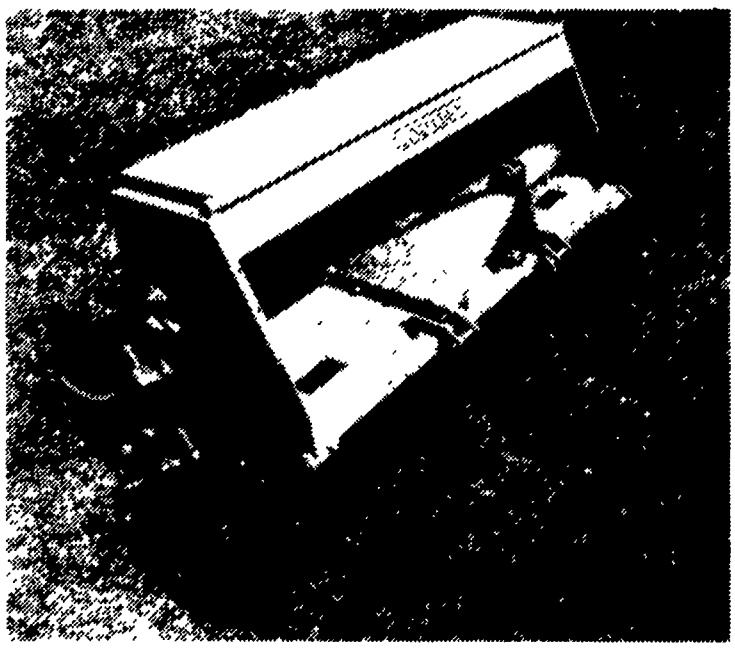
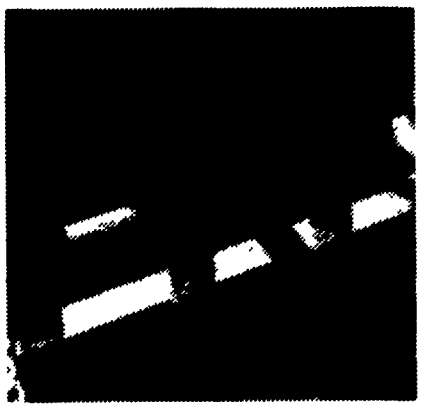


The **Land Pride Solid Stand Seeder** features the precision and dependability synonymous with the Land Pride line. Proven fluted seed cups precisely meter grass seed for either slit or broadcast pattern.



Adjustable tickler tines help promote soil-to-seed contact. A smooth steel roller or solid cast iron packer wheels firmly pack the seed for proper germination. For a high output, user-accessible overseeder with durability, see the Land Pride Solid Stand Seeder and your Land Pride dealer.

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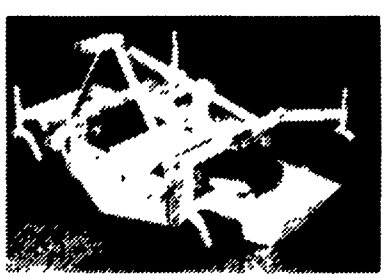

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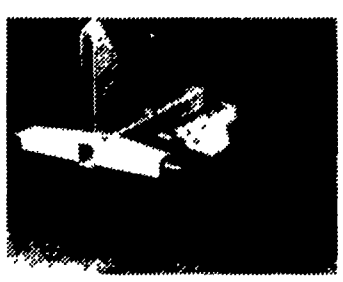

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State FFA Awards Keystone

(Continued from Page E38)

Nathan Seyfert

Three-year Cedar Crest FFA member Nathan Seyfert, son of Leon and Trudy Seyfert, Lebanon, Lebanon Co., has participated in a variety of FFA activities, including the national convention, state record book contest, PAFC activities, and on the state parliamentary procedure team.

Nathan served as chapter vice president and parliamentarian, and chaired the BOAC committee. He received the Foundation Award for feed grain production and placement in ag production, a corn production award, and the BLS Star Production Award. He served as county sentinel and also received the County FFA Degree, and plans to become a dairy farmer.

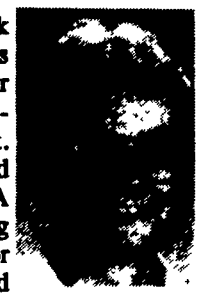
Paul Wayne Shank

Environmentalism is at the core of Paul Shank's FFA interests that include Adopt-a-Stream, planting trees, an agriculture project and Envirothon. Son of Wayne and Phyllis Shank of New Florence, Paul has been an FFA reporter, two time first place winner for land judging, Indiana County, a bronze award winner at the State FFA Week for land judging and a first place Envirothon winner for Indiana County. A 17 year-old senior at United Junior/Senior High School, he plans to study aerospace engineering at Penn State.

Cory Shellehamer

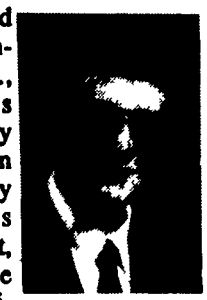
Also a full-time employee at Agway, Cory Shellehamer, Lake Mead Road, East Berlin, achieved the Greenhand Degree and served as treasurer for the Bermudian Springs FFA Chapter in his five years of participation. Activity in this organization has included the sandwich and cider sales. Cory is the 19 year-old son of Mr. and Mrs. Jerry Shellehamer.

David Shiderly



David Shiderly, four-year Mohawk FFA member, has served as chapter sentinel, vice president, and president. He has been involved in an array of FFA activities, including dairy foods and tractor handling contests, and was a state delegate. He served on the citrus, crop, and float committees, and placed first on the demonstration team and served on the parliamentary procedure team. He won recognition in the project books contest and in regional tractor handling competition. David plans to attend trade school for diesel mechanics or work in a field of agriculture.

Brad Shultz



Son of Richard and Kathie Shultz, Danville, Montour Co., Brad Shultz has garnered supervisory work experience in dairy and poultry projects. He has served on the banquet, farm, and greenhouse committees, and participated in various area contests. Brad has received the Star Greenhand, Star Agribusinessman, and Chapter Farmer honors, and also served as Danville FFA secretary and vice president. He plans to attend college or technical school.

Barbara Ann Shisler

Presently attending Kennard-Dale High School, Barbara Ann Shisler is looking forward to graduation and hopes to attend college to become a veterinarian, horse trainer or educator. Her four years of membership with the Kennard-Dale FFA Chapter has brought experience with the Parliamentary Procedure Team, Food for America, a participant on the Banquet and Cooperation Committees, in the citrus and bulb sales and in Penn State Horse Judging. She has served as the organization's chaplain for one year and secretary for two years. Awards have included the White Rose, Keystone, Greenhand and Chapter Degrees. She is the daughter of William and Kathleen Shisler of Fawn Grove.

Mike Shellehamer

A recipient of the Greenhand Degree and Student Advisor for the Bermudian Springs FFA Chapter, Mike Shellehamer of Bragtown Road in East Berlin is presently a full-time employee at Agway. Throughout his five years of FFA he has participated in the organization's sandwich and cider sales and has attended the national convention at Kansas City. The 19 year-old graduate of Bermudian Springs High School, is the son of Mr. and Mrs. Richard Shellehamer.

Chris Shultz

Sentinel and reporter included some of the ways Chris Shultz, Danville FFA'er, served the chapter. Chris has gained FFA experience in dairy, field crops, and other dairy club work, and wants to own a farm.

Jamie R. Shultz

Danville FFA'er Jamie R. Shultz has served on his chapter's float, banquet, BOAC, SAE, and colostrum study committees. The son of Marlin and Karen Shultz, Danville, Northumberland Co., Jamie has also served as president, vice president, and student advisor of the chapter. Jamie also won Star Chapter honors, and plans to "go to Wisconsin and take dairy classes at some of the schools out there," Jamie said.

Kris Smith

Dairy herd, swine finishing and breeding, corn, and alfalfa projects have comprised the FFA project time of four-year Central Cove FFA'er Kris Smith. Kris is chapter student advisor and has participated in various land and livestock judging competitions.

In addition, Kris has competed in the area FFA swine show and sale and served on the Food for America committee. Various project book awards in county and area contests in addition to the Star Greenhand Award were presented to Kris. Kris works on the family's dairy farm, and plans to attend college, majoring in law enforcement.

James A. Snook III

Aside from on-farm work experience, James Snook has participated in the West Snyder FFA Chapter as the Banquet Committee chairman, the Remembrance and Welfare chairman and has assisted with the organization's chick bar-b-que. Awards in his three-year participation have included the Greenhand Degree, Chapter Degree, AREA Degree, Proficiency Award Placement in Ag Production and the Scholarship Award. James, son of James and Sharon Snook of McClure, would like to own a beef farm.

(Turn to Page F6)

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State FFA Awards Keystone

(Continued from Page F5)

William J. Smith, Jr.

A member of the Bermudian Springs FFA Chapter for four years, William Smith was a member of the Kansas City trip committee, leadership and executive committees, the work experience project at D. K. Hershey and National FFA Convention for two years. Achivements include reporter, student advisor, bronze state record book contest, Greenhand, Chapter and County Degree. To attend a technical school for electronics is this East Berlin teen's ambition. He is the 17 year-old son of Mr. and Mrs. William Smith.

Trent Snook

Seventeen year-old Trent Snook of McClure has acquired experience in beef breeding and beef finishing, raising a dairy calf and employment at the Black Oak Ridge Cemetery. His three-year participation has included chairman of the Recreation Committee, Food for America, Citrus, Diary Calf Ring and Banquet committees. Achievements have been reporter for two years, the Greenhand, Chapter and SUN Area Degrees, as well as awards in Proficiency and medals for beef breeding and forestry. The West Snyder High School teen has ambitions to attend a forestry school to become a forester and hopefully own a beef farm. He is the son of Kenneth and Wanda Grassmyer.

Greg Sollenberger

Solanco FFA'er Greg Sollenberger has served on the membership development and financial committees, and has experience in home garden and off-farm work. Greg, son of Mr. and Mrs. Parke Sollenberger, Quarryville, Lancaster Co., is chapter president and has received the Greenhand degree and a scholarship award. He plans to attend a two-year technical school and study electronic repair.

Dale M. Stauffer

Dale Stauffer has served as chapter secretary, vice president and president, and county treasurer and sentinel. Dale, son of Melvin and Mabel Stauffer, Bethel, Berks Co., is a four-year veteran of Tulpehocken FFA. He has been involved in placement in ag and poultry production projects and as a member of the citrus, cooperation, and bulb sale committees.

Dale has received the Greenhand, Chapter Farm, and County Degree, in addition to the Star Greenhand and Star Chapter Farmer honors.

Jerry L. Sponseller

Jerry Sponseller's four years of participation in sheep and swine marketing, beef finishing and livestock judging as a member of the Conewago FFA Chapter has brought achievements in Greenhand, Chapter Degree, Adams County Apple Degree and a position as Chapter FFA sentinel. Son of Trudy and Larry Sponseller of Maple Grove road, Abbottstown, Jerry hopes to operate a small farm and attend a trade schoool to become a travel agent.

Jodi Stevenson

Chair of the Lower Bucks FFA banquet committee, Jodi Stevenson, Levittown, Bucks Co., also sered as chapter sentinel and vice president, and was delegate to the summer convention. Jodi won the Star Chapter Farmer Award, plans to attend college, and wants to own a floral shop.

Joseph Stitt

Pubic speaking, land and dairy judging, and particpation in various swine and dairy shows round out the FFA activities of Central Cove FFA member Joseph Stitt. Son of Mr. and Mrs. Elwood Stitt, Martinsburg, Joseph attended FFA Activities Week for three years and the state FFA Leadership Conference in Harrisburg. Joseph placed second in the state dairy showmanship contest and competed in the dairy showmanship at the Eastern States Exposition. He also won numerous awards at local, regional, and state dairy shows. Future plans include becoming a landscape designer.

J. Ernest Stouffer

Currently attending Delaware Valley College, J. Ernest Stouffer is studying equestrianism to pursue a career as a horse trainer. A member of the Blue Ridge FFA, the class treasurer of '92, speech and debate, as well as a member of the Mt. Valley Riders Saddle Club, Ernest has been employed for several years by Greencastle Livestock. A resident of Waynesboro, he is the son of J. Eugene and Lorraine Stouffer.

Jeremy Strayer

FFA activities that Jeremy Strayer, four-year Red Lion Area FFA'er has been involved with, including soybeans, barley, and work experience on a dairy farm.

Son of Leon and Sharon Strayer, Brogue, York Co., Jeremy has served as chapter chaplain and vice president. He has obtained the Feed Grain Production Proficiency Award and was honored with the White Rose Degree. He won a blue award in the county record book contest. He wants to crop farm.

(Turn to Page F7)

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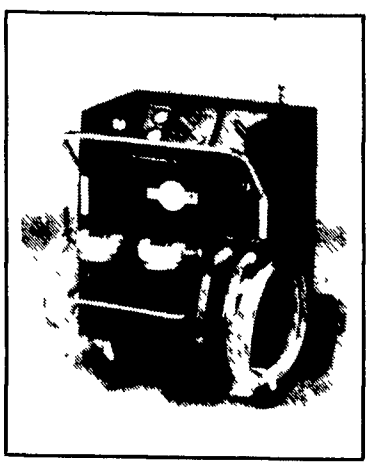

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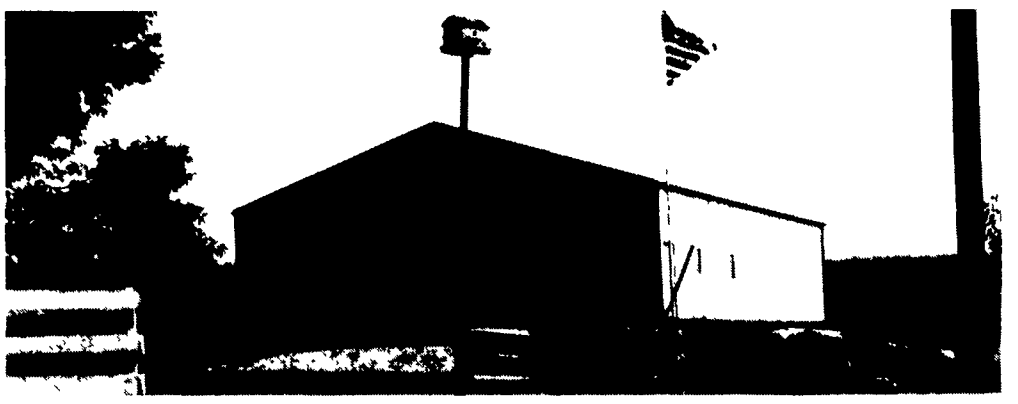

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State FFA Awards Keystone

(Continued from Page F6)

Joe Strause

Joe Strause, Twin Valley FFA member, has been involved in various FFA activities, including citrus sale, small animals program, hoagie sales, tree planting, poultry contests, Tel-Hai BOAC Project, Food for American, Hay Creek Apple Festival, ag day breakfast, dairy farm tour, Delaware Valley Collegiate FFA tour, and pet therapy programs.

Joe was chapter junior advisor and chapter vice president. Son of Howard and Cathy Strause, Elverson, Berks Co., Joe won special crop proficiency and animal proficiency awards in his chapter. He also participated in the southeast Pennsylvania poultry contest and was a Farm Show horticulture exhibitor.

Robert Stultz

FFA and other ag activities that Robert Stultz, Central Cove FFA'er, has been involved with include livestock and land judging, small gas engine team, and participation in swine and dairy shows.

The son of Marsha Stultz, Williamsburg, Robert has participated in the area leadership training conference and serves as chapter president. He placed in the state livestock judging contest and the small gas engine contest, and competed in the livestock judging contest at Eastern States Expo. He won numerous awards at local, regional, and state dairy shows, and competed in numerous swine shows. He plans to attend Penn State.

Jason Swartz

This four-year Penns Valley FFA member has worked on various FFA projects for his chapter, including beef finishing and other leadership activities. Son of Steven and Peggy Swartz, Aaronsburg, Center Co., Jason has received the Greenhand and Chapter degrees. He plans to attend college and manage a herd of Simmentals.

Michelle Troutman

Michelle Troutman is a four-year member of the Conrad Weiser FFA Chapter. She has held offices as president, vice president, treasurer, and historian. Her FFA activities include Food Science experiments, interviews and visitations, chairman of the public speaking contest, chapter scrapbook, cider, citrus and process meat sales committees, leadership, public realations, and National FFA Convention committees.

In contests, Michelle has placed first in the state for public speaking conservation division and fourth in the extemporaneous division. She attended the PA Governor's School for Agricultural Sciences.

The 17-year-old daughter of Richard and Sharon Troutman of Richland has maintained a 4.0 G.P.A. through high school. She plans to major in food science at Penn State University Park campus.

Russell Swearman

Five years of experience in FFA activites have included participation in the project book contest and work experience on ag electrification. He has served on the recreations committee for two years and attended the freshman leadership conference as a member of the Apple City FFA Chapter. A resident of Biglerville and son of Russell and Rose Swearman, Russell has achieved chapter ag electrician proficiency and was the recipient of the Biglerville High School FFA Award in his pursuit of a career as an electrician.

Jennifer Ulrich

The 17-year-old daughter of Mr. and Mrs. Robert Ulrich lives at Quarryville and is a four-year member of the Solanco FFA.

Jennifer is chapter treasurer and county vice president. She was a former past chapter reporter and vice president.

She has earned Greenhand, Chapter, and Red Rose Degrees. Awards include a first in agri-business management contest, scholarship award, a gold medal in dairy judging, and a bronze award in record keeping.

Michelle's project activities include on-farm work experience and dairy heifers. She served on the following committees: leadership, banquet, float, pumpkin, public relations, and cooperation.

Michele plans to be an elementary education teacher.

(Turn to Page F8)

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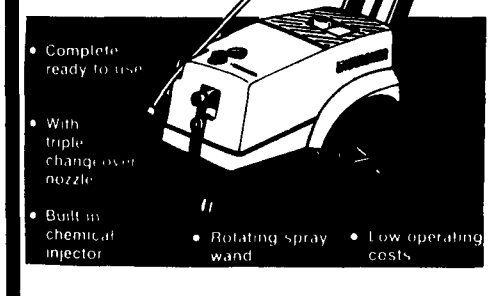
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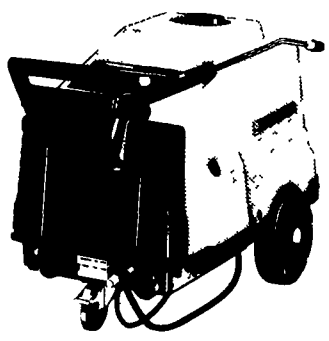

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State FFA Awards Keystone

(Continued from Page F7)

David Wagner

David Wagner is the son of Mr. and Mrs. Richard L. Miller of York Springs.

For four years he has been a member of the Bermudian Springs High School FFA Chapter where he obtained Greenhand, and Chapter degrees.

He was secretary of his chapter for three years and is now treasurer. David has four years of work experience at Andgrow Fertilizer in East Berlin. He served on the executive committee and went to the FFA National Convention in Kansas City in 1988 and in 1990.

After high school graduation, David hopes to work in an agriculture business.

Jason Walter

For two years, Jason Walter has been secretary of the West Snyder FFA Chapter. He earned the Greenhand Degree, Chapter Degree, and SUN Area Degree.

Projects included three head of beef finishing, and committee memberships in BOAC, chicken bar-b-que, and citrus projects.

Jason lives with his parents, Mr. and Mrs. Jerry Walter of McClure RD2.

After high school graduation from West Snyder High School, Jason plans to major in agricultural science at college.

Jake Ward

Jake Ward is the son of Harry and Diane Ward of Spring Mills in Centre County. A four-year member of the Penns Valley FFA Chapter, Jake is president and has won swine production and communications awards. His projects included swine production, beef finishing, and dairy heifer.

After graduation from Penns Valley Area High School, Jake plans to attend the National Fair Fighting Academy.

James Weaver

Nineteen-year-old James Weaver is the son of William and Joan Weaver of Linesville RD2.

As a member of the Linesville FFA, James has been chapter chaplain and student advisor. He has earned degrees as Greenhand, Star Greenhand, Chapter Farmer, and County Farmer.

His projects included home gardening, bee keeping, maple syrup, beef finishing, and swine production.

He served on scholarship, community service, leadership, alumni relations, and membership development committees.

After graduation from Linesville High School, James plans to get a PhD. in physical therapy.

Dean Wenger

The 17-year-old son of Nelson and Alma Wenger of Manheim has had dairy production projects during his four-year stint in the Manheim FFA Chapter. He has worked on co-op at his family's dairy farm. As chapter president, Dean has also been treasurer, and earned awards in leadership and scholarship. He had the Greenhand and Res Rose Degrees.

He has a gold medal from the 1990 National Ag Mechanic Contest; a gold from 1991 National Farm Business Managment Contest; a first in ag mechanics at the 1989 Eastern State Expo; a first in the 1991 State Farm Business Management Contest; a second in the 1990 State Ag Mechanics contest; and a fourth in the 1989 State Ag Mechanics Contest.

Dean plans to attend Penn State-York and major in mechanical engineering.

Richard Weirick

Eighteen-year-old Richard Weirick is the son of William and Susan Weirick of Kreamer RD2. For four years, Richard has been active at the Middleburg High School FFA Chapter.

He earned a Greenhand Degree, Chapter Degree, and SUN Area Degree. His projects included layer production, broiler production, rabbit production, beef finishing, practicum skills, co-op at Kreamer Feed, and Christmas tree production.

For the SUN Area project book contest, Richard earned a red ribbon for 1990 and 1991. He received the 1991 Chapter Award for poultry production.

Richard has been a member of the leadership, recreation, public relations, community service, alumni relations, state and national activities, and earnings/savings/investments committees.

After high school graduation, Richard plans to major in poultry science.

Steve Weiss

Steve Weiss is the 17-year-old son of William and Maryann Weise, Lancaster. Steve has raised market lambs, had a home garden and worked at a local market. Steve has won state and national recognition in meats judging and attended the national FFA convention in Kansas City.

In the future, he would like to work fdor the telephone company.

Cory Willow

Cory E. Willow is Middleburg FFA Chapter president and SUN Area FFA president. Formerly, he was chapter secretary and chapter vice president.

With projects in wildlife conservation, sheep breeding/finishing, and rabbit production, Cory was able to earn the Star Greenhand Degree, Chapter Degree, SUN Area Degree, and second place in the state for his wildlife conservation project.

Cory has been chairman of the executive committee and a member of the leadership, recreation, scholarship, state and national activity committees.

Cory lives with his parents Edward and Irene Willow at Mt. Pleasant Mills, RD1. He plans to join the U.S. Navy.

Jennifer Lynn Wilson

For four years, Jennifer Lynn Wilson has been a member of the Williamsburg FFA where she has been chaplain, reporter, and vice president. She has earned the Greenhand Degree and the Chapter Degree.

Jennifer is the daughter of Kent Wilson and Donna McKenree of Williamsburg. Jennifer is undecided about her plans after graduation from Williamsburg Community High School.

Tracy Witmer

For four years, Tracy Witmer has been a member of Manheim FFA where she earned the Greenhand, Chapter, Red and Rose degrees. She won awards for dairy proficiency, scholarship, and leadership. Projects included dairy and equine.

Tracy served on committees for the banquet program, Manehim Farm Show barnyard, FFA week, window exhibit, and senior co-op.

She plans to attend Delaware Valley College to major in dairy science.

The 17-year-old daughter of Delmar and Emma Jane Witmer of Manheim plans to major in dairy science at Delaware Valley College after graduation from Manheim Central High School.

Jason Woodling

Jason Woodling is the 17-year-old son of David and Debra Woodling of Troxelville. For four years, he has been a member of West Snyder High School FFA. His degrees included Greenhand, Chapter, and SUN Area. He is assistant treasurer of his chapter and served as scholarship committee chairman, received several proficiency awards at the local level and won the state award in Home and Farmstead Improvement.

Projects for Jason included market lambs, market steer, market hogs, and field corn.

He has participated in several public speaking contests, placed first in the state contest for small gas engines, and been an active member of several chapter committees.

After graduation, Jason plans to save money, attend college, and work as a mechanic.

Brad Wolf

Brad Wolf is the son of Mr. and Mrs. Larry Wolf of Idaville in Adams County. The 19-year-old is a member of the Bermudian Chapter FFA where he has participated in the sandwich and cider sales. He has earned the Greenhand and Chapter Degrees. He attended the FFA National Convention in Kansas City.

After high school graduation, Brad plans to work full time at Agway Andgrow Fertilizer.

Tim Yoder

Four-year Mt. Davis FFA'er Tim Yoder has served on various chapter committees, including maple project, fruit, and sweetheart. Son of Ken and Wanda Yoder, Salisbury, Somerset Co., Tim has received the Greenhand and Chapter Farmer degrees. He also served as chaplain and president of the chapter.

Kevin Yost

Dairy herd and on-farm employment projects have comprised the FFA activities of Kevin Yost, four-year Big Spring FFA member. He has participated in the All-American dairy judging contest, state farm show, and county and state record book contest. He has also served on community service, recreation, cooperation, and financial committees. Kevin, son of Frank and Rose Yost, New-

(Turn to Page F10)

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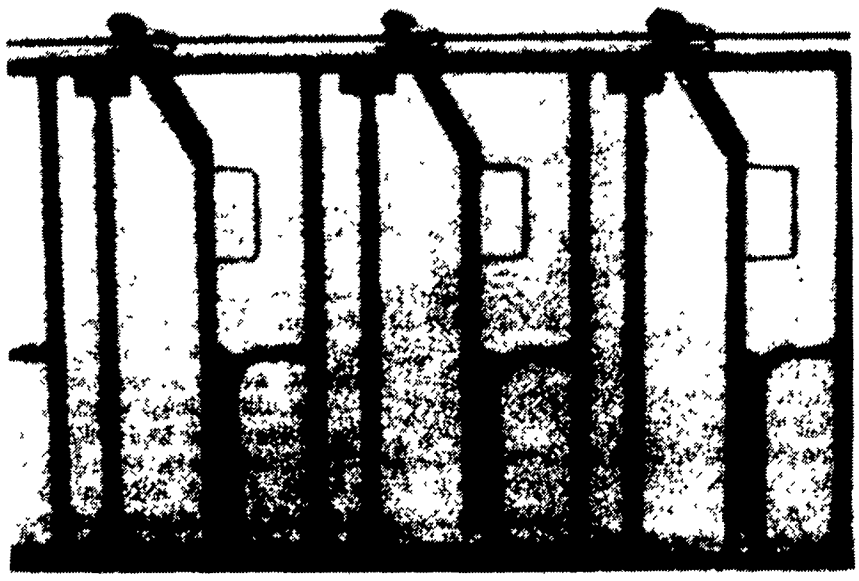

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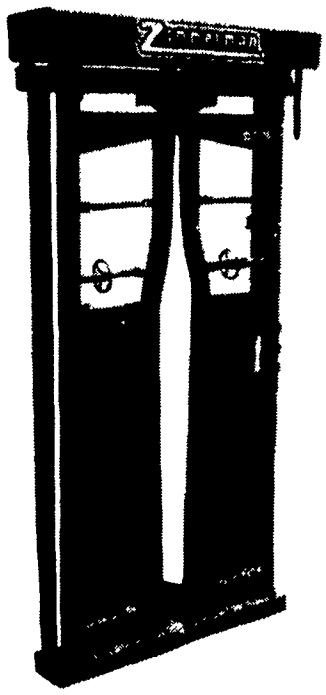

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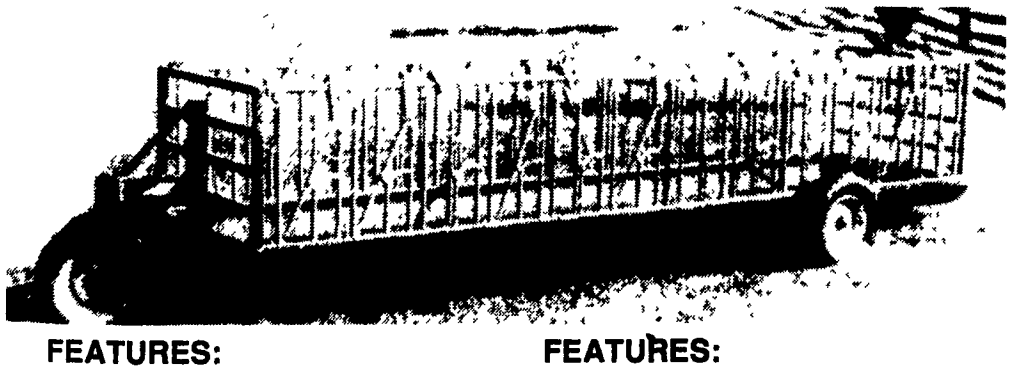

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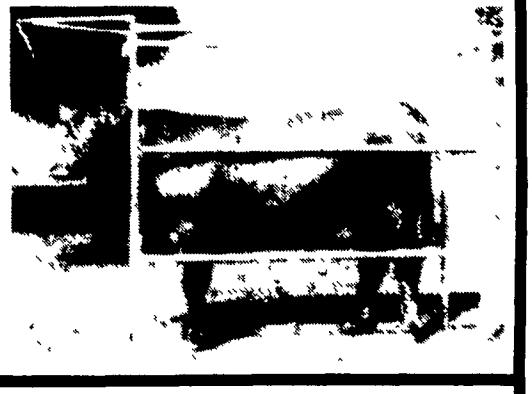

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State FFA Awards Keystone

(Continued from Page F8)

ville, Cumberland Co., has received the Greenhand, Chapter Farm, and Area degrees, and the proficiency award for home improvement projects in 1989 and 1990. After high school, he plans to work in construction and attend college, majoring in mechanics or engineering.

Roger D. Zeigler Jr.

Seventeen-year-old Roger Zeigler Jr. belongs to the Middleburg FFA Chapter of Middleburg High School. He is a student advisor and is on the executive, recreation, and chairman of the scholarship committes. He earned his Greehand, Chapter and SUNAREA FFA degrees. For three years, Roger has earned FFA project book awards.

Projects include rabbit and game bird production. The son of Roger and Linda Zeigler, Roger has gained work experience and plans to be a machinist after graduation.

Stacy Lynn Zickle

Seventeen-year-old Stacy Lynn Zickle has held FFA offices as parliamentarian, secretary, and president at the Dover FFA chapter. She has also served as reporter and as president of the York County FFA.

During her four-year FFA membership, Stacy has attended numerous leadership conferences such as the Washington Conference Program, Made for Excellence, State Legislative Leadership Conference, and others at the local level. Her current projects include working in an auto department store and showing market swine.

Stacy's parents are Rocky and Diana Heidlebaugh of Dover. She plans to attend college and pursue a career in animal science or biology education.

Dwight A. Zook

For four years, Dwight A. Zook has played an active role in Oley Valley FFA. He has placed third in the area extemporaneous speaking contest, earned a Greenhand Degree, Chapter Degree, swine proficiency award and beef proficiency award. Dwight's FFA projects include beef finishing, swine finishing and work experience.

Dwight is the son of Lloyd and Ruthann Zook of Oley, RD2, in Berks County. The Oley Valley high school senior plans to attend a four-year college and earn a degree in environmental science.

Emily Zug

Emily Zug is a twin to Brian who also is a Keystone Farmer Degree winner.

Emily, the daughter of Mr. and Mrs. Edward Zug of Peach Bottom, is Solanco Chapter vice president and county reporter. She is a past student advisor and served on committees such as public relations, cooperation, state activities, banquet, and water testing.

Emily has earned Greenhand, Chapter, and Red Rose degrees. Her awards include a proficiency in animal production. She has had dairy herd, rabbits, corn and grain projects.

Emily plans to attend college for preveterinary medicine.

Brian L. Zug

Seventeen-year-old Brian Zug is a four-year member of the Solanco FFA chapter. He is a past chapter chaplain. Awards include Greenhand, Chapter, Lancaster County Red Rose, and Lancaster County Star Red Rose Farmer.

Brian's projects include dairy herd, corn silage, and oats. He has served on the scholarship, recreation, and banquet committees. Brian's project books have received gold awards in state and county contests. He received a chapter scholarship award and a silver medal in the National FFA Ag Mechanics Contest in 1991.

The son of Mr. and Mrs. Edward Zug of Peach Bottom plans to earn an animal husbandry degree before returning to the home dairy farm.

Keith Zimmerman

Keith Zimmerman is president of the Cloister Chapter FFA at Ephrata High School and secretary of the Lancaster County FFA. Last year, Keith was treasurer of the Lancaster County FFA. In his junior and sophomore years, Keith was reporter and served on the scholarship and public relations committees at Ephrata High School.

The son of David and Alma Zimmerman has received awards for computers in ag, Star Greenhand, and Star Chapter. He placed third in Farm Management at Eastern Region 1991.

Projects included three years of beef finishing and two years of capon finishing.

Keith works for Agway - Henry B. Hoover Inc., participates in the Ephrata Science Fair and is president of the Hammer Creek Youth Group.

He plans to major in pre-veterinary medicine at college.

Also winning the Keystone Farmer Degree but without background information available as of presstime are: **Little Dutchman:** Matt Hoover, Kristen Hoffer, and Jason Hostetter. **Bellwood-Antis:** Joseph William Whiteford II, Michael Lee Lehman, and Scott A. Briggs. **Chambersburg:** Richard A. Martin and Donald Edward Mooney. **Gifford Pinchot:** Cayce Elaine Acker. **Warriors Mark:** Robert Briggs, Daniel E. McMonagle, Harvey B. Webb, and Christopher G. Wyland. **Upper Dauphin:** Garth E. Campbell and Floyd R. Buffington. Athens: Janie Cole, Scott Jackson, and Brian Campbell.

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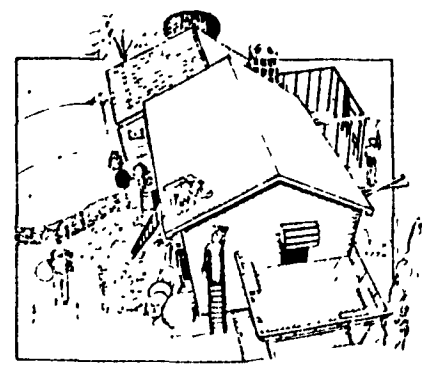

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W.J. Parker, L.D. Muller, S.L. Fales,
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UNIVERSITY PARK (Centre Co.) — Almost all herds in Pennsylvania produce milk on a year round basis, with some cows calving during each month of the year. This ensures a relatively uniform supply of milk to the processing plants and for our high fluid utilization. In contrast less than 10% of the New Zealand milk supply is utilized for fluid consumption. Thus, the majority (95%) of dairy farms in New Zealand supply milk on a seasonal basis, and calving is timed to coincide with the commencement of increased pasture growth during the spring. This concentrated pattern of calving (most NZ dairymen aim to calve 80% of the herd within 4 weeks, and 100% of the herd by 8 weeks), produces a very uneven pattern of milk flow to the processing plants. This variable supply of milk means that the processing capacity of the plants is under-utilized for a significant part of the year and this increases manufacturing costs for New Zealand milk. On the other hand, on-farm milk production costs are minimized because maximum advantage is taken of low-cost pasture.

Seasonal milk production offers dairymen a number of benefits, and is something which Pennsylvanian dairymen, particularly those with small-to-medium sized herds, may want to consider. Some dairymen are asking questions about seasonal production and a few have adopted this approach.

Seasonal dairy production simply means the production of milk for part of the year (usually 10 months). Normally the "seasonality" of production corresponds to the seasonal pattern of herbage production in New Zealand, and involves the matching of herd feed requirements to the rate of herbage growth. Peak cow feed requirements usually occur 6-8 weeks after calving, and in the absence of non-pasture feeds, can be most easily met if the cows calve so that maximum intakes occur at the same time as maximum herbage growth. For example, in New Zealand the highest rates of herbage production occur from late September-November (this is spring in New Zealand) and most herds calve during late July and August. The situation in Pennsylvania is not as straightforward because insufficient energy and dry matter intake is obtained from a pasture-only diet to maintain the higher levels of milk production that are achieved in Pennsylvania vs the 35-45 lb/cow/day peak production in New Zealand - (see Article 7).

There are two alternative seasonal dairying systems available to Pennsylvanian dairymen:

1. Late winter-early spring calving:

Cows calve in March and April. This system attempts to make maximum use of pastures, and is probably best-suited to herds with a low-cost feeding system.

2. Fall calving:

Under this system cows calve in September and October and the first 5 to 7 months of lactation is completed in confinement feeding. Cows spend the last 3 to 5 months of the lactation grazing pasture, and if Fegnant, are dried-off in July and August. This system allows for the maintenance of high per cow milk production in the first 5 to 7 months of lactation, and requires a lower level of supplementation while cows are on pasture, during the last 3 to 5 months of lactation. With the high growth rate of high quality pasture during the first two months of the grazing season, supplementation of grain and forage can be minimal. In addition cows are not being milked during the hottest summer months, and dry cows are able to be kept outdoors on a mainly pasture diet during the latter part of summer. Fall calving compared to spring calving will conflict less with other labor demands of other crops depending on the extent of the cropping program. The fall calving option will allow fall milk premiums where they exist, to be captured and provide a flexible turn-out date for grazing during spring.

The advantages of seasonal milk production include:

(a) Improved farmer lifestyle. The 4-6 weeks when cows are not milking provides a much needed time for a vacation from milking or just plain time off. This time can also be used to catch up on farm repairs and maintenance, in addition to forage harvesting.

(b) Simplified livestock management. A concentrated calving means that herd replacements can be reared in a single group, and that the herd is all at a similar stage of lactation. This simplifies feeding management since all cows are at a similar stage of lactation and has the potential to provide cost-savings through more efficient use of feed (i.e. avoidance of cows not being over-or under-fed). Starting all calves at one time can be a "management stress" however, breaking the disease cycle should be an advantage.

(c) Reduced production costs, through the use of grazing, especially if minimal grain feeding is adopted during the latter half of lactation. A dairyman in Maine, for example, with a spring calving herd has discontinued grain feeding.

(d) Improved herd reproductive performance is possible because cows can be synchronized for breeding. Heat detection should be improved with larger numbers of cows exhibiting heat at one time. Maintaining a calving interval near 12-12 ½ months is critical.

(e) Utility costs associated with milking will be decreased and hauling costs for milk will be reduced.

The main disadvantages of seasonal dairying are:

(a) A reduced lactation length. The average lactation in New Zealand seasonal supply herds is 237 days. This compares with 310 to 315 days for year-round calving herds in Pennsylvania. The shorter lactation in New Zealand primarily relates to an abrupt drying-off date. A staggered drying-off period, which can easily be implemented under Pennsylvania conditions, should allow for a normal 310-320 days of lactation.

(b) Lower average milk vields may occur especially with the spring calving option., however the reduced feed costs can often lead to higher profits. "Normal" milk yields should be maintained with fall calving.

(c) The transition to seasonal dairying takes several years to complete because calving dates cannot be quickly shifted into a concentrated pattern.

(d) Having all cows calving, milking, and being bred at the same time as well as all young calves being born near the same time can be a "management stress". Reproductive management is of utmost importance.

(e) Having all cows calve at once may necessitate a bigger bulk tank and with all calves born at one time, more calf housing may be needed.

(f) Decreased industry plant efficiency, as discussed earlier, but this is not likely to be significant because seasonal dairying is probably inappropriate for large dairy herds or for farms with a small area of pasture. In addition, a balance of spring and fall calving herds should even out the monthly supply of milk.

(g) Ten monthly milk checks which may impact on cash flow.

The economics of seasonal dairying are currently being investigated at Penn State and a "New Zealand" dairy system has been used at the Ohio State research farm for several years. It is something that one might contemplate while enjoying the log on the fire one winter's evening - just imagine, there is a way of not having to milk the cows on a cold winter morning in February of March, or a hot summer day in August.

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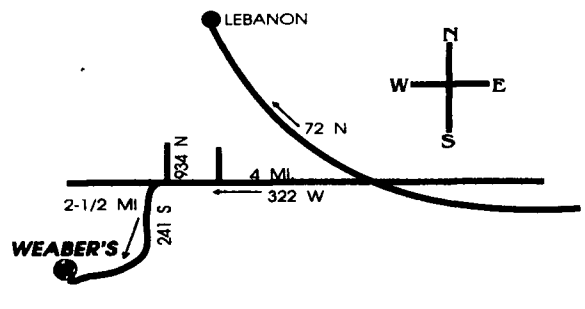

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Corn Licensing Issue Could Be NAFTA Sticking Point

WASHINGTON, D.C. — Corn is the most important food commodity for the people of Mexico. It has been part of the culture since before the Aztecs.

As a result, corn producers in Mexico are protected through high subsidies and import barriers.

Under the proposed North American Free Trade Agreement (NAFTA), efforts to eliminate these restrictions will not come easy. In fact, the elimination of Mexico's corn licensing requirement may be the issue that could ultimately derail NAFTA, reports a recent U.S. Feed Grains Council Fact-Finding Mission.

"As corn producers, we have a lot to gain by Mexico eliminating their corn licensing requirement," said Scott Ingle, a member of the mission representing the South Dakota Corn Council. "Right now, any corn imported by Mexico must be government licensed and is subject to a series of restrictions. These restrictions are designed to keep corn from going into channels someone could use to take advantage of the high internal support prices. Without this system, U.S. corn exports to Mexico could double or even triple in a very short period of time."

In 1990, Mexico imported nearly 190 million bushels of corn from the United States, while in 1991 that figure dropped to just under 100 million bushels. The drop was a direct result of improved growing conditions in Mexieo and an increase in the domestic support price.

"While we were in Mexico, the local price for corn was roughly $5 a bushel," said Larry Heidrick, mission member from the Kansas Corn Commission. "That was for yellow corn. White corn draws a substantial premium over yellow corn. That is roughly double the price that corn producers in the United States are getting."

The mission learned Mexico has nearly 3 million corn producers who are the core of an influential political block in Mexican politics.

"With corn meaning a lot to the culture, and the political importance of corn producers and their rural communities, it is easy to see why the prospect of eliminating trade barriers is such a big issue in Mexico," Ingle said.

Nearly all of the corn grown in Mexico, as well as most of the corn imported, goes directly into tortilla production. Very little domestic corn enters the livestock feeding system. Local corn and tortilla production is subsidized while the import of corn is rectricted.

"Corn is sold to the tortilla manufacturer under a subsidy. The actual price of tortillas is under a ceiling set by the government so the subsidy is passed on to the consumer," Heidrick pointed out.

"We can see why Mexico has subsidies and restrictions on corn. But we think in the long run both Mexico and the United States will be better off if we can eliminate trade barriers and restrictions. This will enable both parties to buy and sell the products that we each produce best," said John Whipple, mission member representing the Iowa Corn Promotion Board.

The mission reported that over the last two to three years Mexico has made signficant progress in trade liberalization. Corn and dry edible beans are the only major products still subject to government licensing.

"The U.S. Feed Grains Council and the U.S. government have been working closely with Mexico to liberalize agricultural products, and particularly to address the problem of corn licensing. We are confident that, sooner rather than later, we will see the market open up," said Heidrick. "We are confident the United States will not enter into a free trade agreement with Mexico unless that issue is resolved."

Changes In Mexico Could Mean New U.S. Markets

WASHINGTON, D.C. — Mexico is the second most important market for U.S. sorghum exports, trailing only Japan.

If changes in Mexico continue at the current pace, Mexico could soon challenge Japan as U.S. sorghum's top market, reports a recent fact-finding mission to Latin America sponsored by the U.S. Feed Grains Council.

"Perhaps the biggest and most significant of the recent changes we encountered was the proposal made by President Salinas to allow for full land ownership by farmers in Mexico," said Ron Saylor, sorghum producer and mission member representing the Nebraska Grain Sorghum Board.

"Depending on how things go, one can easily see a real stimulus to the livestock production industry, which would mean good things for U.S. sorghum producers," said Saylor.

President Salinas has proposed Mexico's "ejido" or communal land system be reformed. The "ejido" system has its roots in the Mexican Constitution that was adopted after the revolution in 1910.

Under the "ejido" system, farmers were given small plots of land to farm. They did not receive formal ownership and could not legally sell, rent or use the land for collateral. However, the land has stayed with the families, passing from one generation to the next. As land has been passed on it has been divided among families members, until today most "ejidatorios" have only two to three acres of land, which only provides a subsistence living. Under the reform, eligible farmers will be allowed up to 100 acres of irrigatable land or 200 acres of dry land.

"Ejidos" account for approximately 60 percent of the total farm land in Mexico. Becauge there is no title, owners have not been able to use the land as collateral, limiting resource investment and enterprise development. If the proposal is approved, farmers would get the title and would be able to sell, rent and use the land for collateral.

"We could see a scenario where this combined with Bome of the other changes occurring in Mexico, could mean more investment and development by Mexico in local livestock production," said Saylor.

Last year Mexico imported approximately 126 million bushels of sorghum from the United States. Grain sorghum is the feed of choice by the livestock industry in Mexico. Corn is considered a food for human consumption.

"Mexico is in a state of transition," said Saylor. "The proposed Free Trade Agreement with the United States, the proposed land reform, privatization, and the things they have done to control inflation and their external debt, have dramatically changed the market dynamics in Mexico, making it imperative for the United States and particularly U.S. sorghum producers to Btay active and involved in what is taking place."

The 14-member fact-finding mission algo visited Brazil and Argentina to evaluate market potential. A full report of their observations, conclusions, and recommendations will be presented to the U.S. Feed Grains Council board of directors next February.

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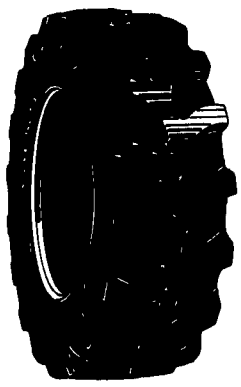

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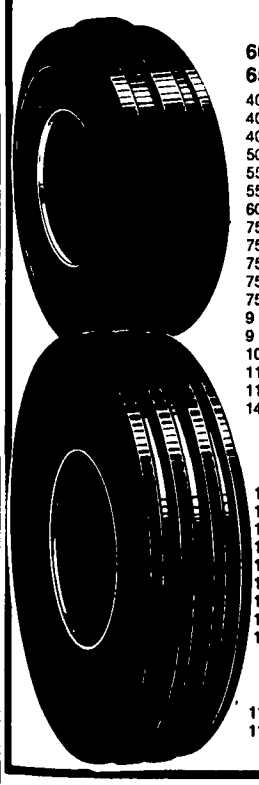

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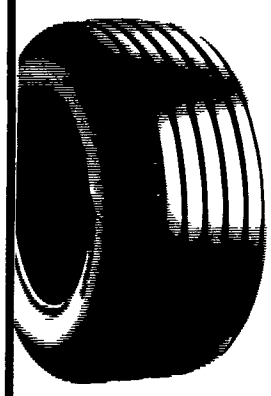

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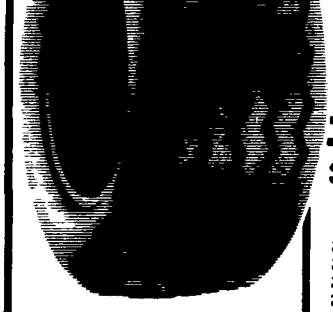

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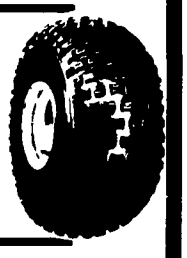

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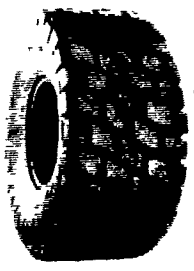

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Beware Of Hypothermia As Temperatures Fall

UNIVERSITY PARK (Centre Co.)— Farmers, boaters and fishermen, construction workers and others who work and play outside should be aware of the dangers of hypothermia as winter sets in, says a safety expert in Penn State's College of Agricultural Sciences.

"Hypothermia occurs when a person's body loses heat faster than it can replace it, causing the internal body temperature to drop dangerously low," says Sam Steel, project associate in agricultural and biological engineering and director of the Pennsylvania Agricultural Safety Council. "Most people think temperatures below freezing cause hypothermia, but it can happen in temperatures as mild as 35 to 50 degrees Fahrenheit.

"The average internal body temperature for most adults is 98.6 degrees. If that drops to 90 degrees, the person can become unconscious and vital organs such as the heart and the brain may be seriously damaged."

Hypothermia symptoms include slurred speech, stumbling, confused thinking, shivering, weakness, fatigue, weak pulse and shallow breathing. As the condition worsens, the victim's muscles may become rigid and the heartbeat irregular. Death can result from heart or respiratory failure.

"If someone shows signs of hypothermia, seek medical attention immediately," Steel says. "Victims usually are not aware that they are cold and may even insist that they are comfortable," Steel says.

Hypothermia victims generally are unprepared for changing weather, and are usually stranded motorists, hikers and those who work and play outdoors. Hypothermia also can occur in the home. The elderly, small infants and people who are ill are at risk even in seemingly mild indoor climates.

Boaters and fishermen who fall into water are at particular risk, because water cools a person 25 to 30 times faster than exposure to air of the same temperature. "Persons who fall into cold water must concentrate on quickly getting out and getting warm," Steel says.

What can people do to minimize their risk of hypothermia?

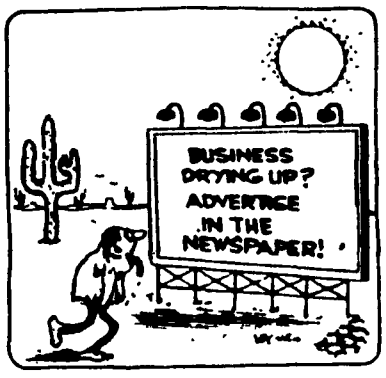
"Dressing appropriately for the weather is crucial for anyone working or playing outside," Steel says. "Well-insulated gloves, footwear and hats will prevent excessive heat loss from the head and extremities."

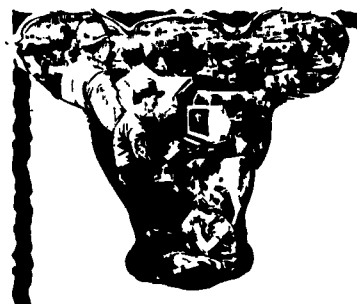
If you will be working alone, always let someone know where you will be. "Tragically, many people suffer frostbite, frozen body tissue and even death when working alone in desolate areas," Steel says. "Tell someone where you're going, and be sure to eat well-balanced meals and get plenty of rest before starting exhausting jobs during winter weather."

It's also a good idea to stock family automobiles and farm and recreational vehicles with extra blankets, gloves and warm clothing in case a breakdown happens during winter. "It may mean the difference between life and death for you or a loved one," Steel says.

For more information about hypothermia and other safety issues, contact the Pennsylvania Agricultural Safety Council at (814) 863-7710.

This is part of the educational program of the Penn State Cooperative Extension in Cambria County and is open to all individuals without regard to race, color, sex, age, or handicap. Penn State is an affirmative action, equal opportunity university.





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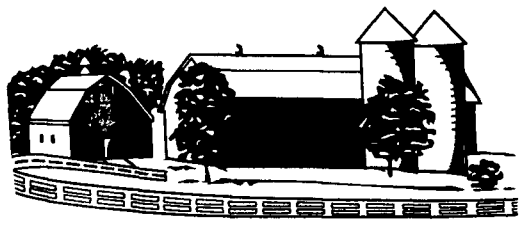

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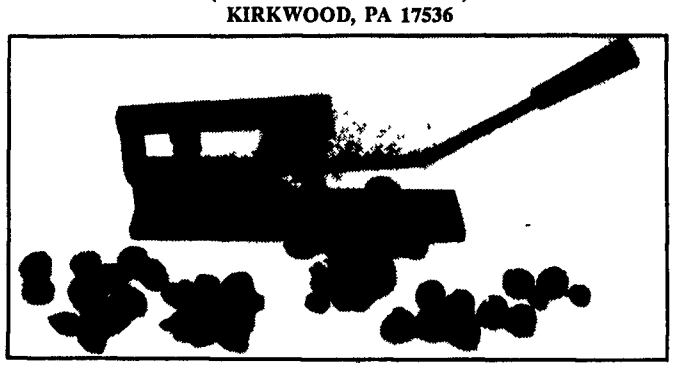

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Extension Will Meet

CREAMERY (Montgomery Co.) — The Montgomery County Cooperative Extension annual meeting will be held on Thursday, January 23.

Grant Heilman, featured speaker, will present an audio/visual program on Mid-Atlantic Farms. Dr. Donald Evans, assistant director of Pennsylvania Cooperative Extension and assistant dean of the College of Agricultural Sciences at Penn State University will also speak.

The dinner meeting will be held at the Montgomery County 4-H Center on Route 113 in Creamery. A buffet dinner will be served from 6:30 p.m. to 7:30 pm and the short program will follow.

Tickets for the dinner are $8.50 for adults and $5 for children and are available from the extension office. Reservations may be made up to January 15 by calling (215) 489-4315.

York Co. Schedules Dairy Day

YORK (York Co.) — Would you like to learn more about managing your early lactation cows or dry cows, managing forages or pastures, the Dairy Quality Assurance Program, or cow cooling and sprinkler systems?

If your answer is "yes" to any of these topics, the upcoming York County Dairy Day is for you.

The event will be held from 9:30 a.m. to 3 p.m. on Tuesday, January 21 at the Winterstown Fire Hall.

The program will begin at 9:30 a.m. with refreshments and time to visit with agribusiness representatives and their displays. At 9:45 a.m., Dan McFarland, multicounty ag engineering agent, will discuss cow cooling and sprinkler systems to help you improve hot weather cow comfort.

At 10:20 a.m., Don Breiner, manager of quality control and field service of Atlantic Dairy Cooperative will discuss the new Dairy Quality Assurance Program, a milk quality control program that may affect many farmers this year.

After a mid-morning break, Dr. Marvin Hall of the Penn State Agronomy Department will discuss "Hay Forage Management for Quality." Before lunch, Dr. Richard Adams of the Penn State Dairy Science Department will update you on "How to Manage the Early Lactation Cow."

At noon, lunch will be provided and dairy day attenders will have time to visit with agribusiness representatives. At 1 p.m. the meeting will reconvene for Marvin Hall's discussion on "Intensive/Rotational Pasturing — A Viable Option." Following Hall's presentation, two Pennsylvania farmers will discuss their experiences with lotational grazing. Panelists are Axel Linde, a Lancaster County Guernsey breeder and Glen Moyer, a Somerset County Holstein and Jersey breeder. The day's final discussion will be "How to Manage Dry Cows" by Adams.

The cost of Dairy Day is $5 per person. The registration fee will cover lunch, refreshments, and meeting costs. To register or receive more information, call Jennie Hess at the York County extension office at (717) 757-9657 or (800) 441-2025, ext. 9408, on or before Monday, January 13.

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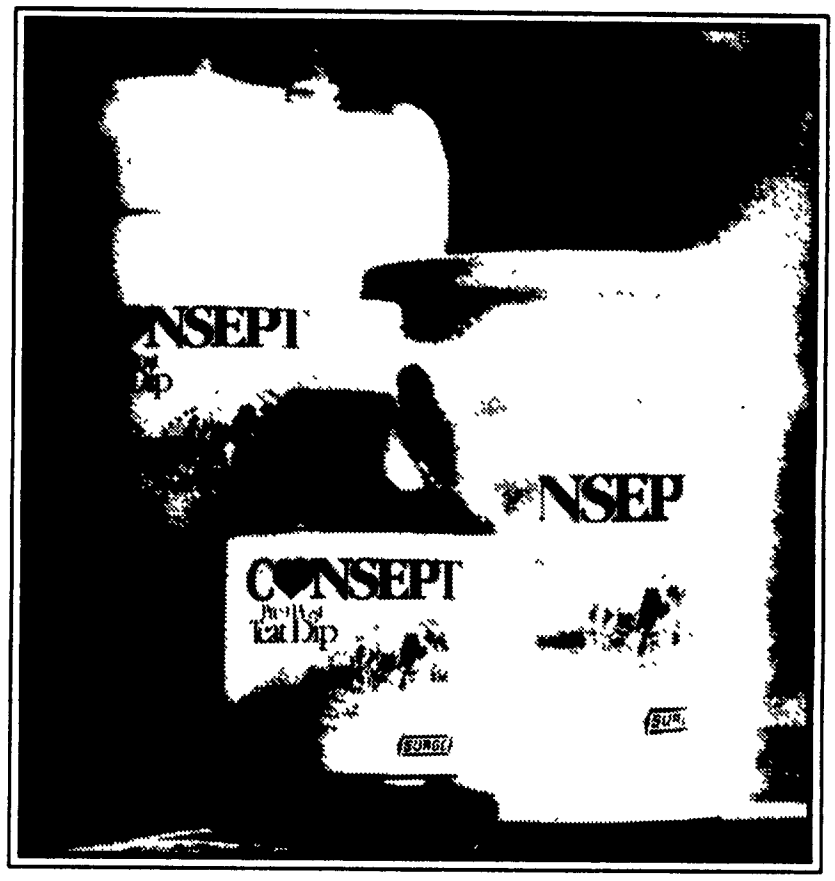

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U.S. Pork Industry Makes Gains, Faces Japanese Market Challenges

Denver--The conclusion of the U.S. Meat Export Federation (USMEF) and pork industry officials, following discussions with Japanese pork importers at a recent Tokyo trade conference, is that the pork industry will need to unite and work together in order to achieve its full potential in the Japanese market.

Representing the U.S. pork industry at the conference with leading Japanese pork importers was Joel Haggard, USMEF vice president of international programs and Tim Rose, National Pork Producers Council (NPPC) president-elect. Also present were Russ Sanders, NPPC executive vice president and Jim Ledger, Iowa Pork Producers Association (IPPA) president.

The Japanese trade praised the U.S. pork industry for advances made in significantly extending the shelf-life of its chilled pork, commenting on Japan's preference for U.S. chilled pork loins. They also commented that the occurrence of PSE (pale, soft and extradated) pork has been greatly reduced. Another strong point of the U.S. industry, they said, is the U.S.' ability to ship large quantities of a specific cut, versus the full sets that are sold by Japan's major supplier, Taiwan.

"The U.S. pork industry has the advantage in price and the flexibility to sell large quantities of specific cuts to Japan. There is tremendous opportunity for U.S. pork producers, but we must work together as an industry to determine what adaptations can be made to cater to the Japanese market," said Haggard.

Japanese pork importers told the U.S. representatives that specifications for bellies must change if the U.S. expects to increase their sales of bellies to Japan. They urged the U.S. pork industry to work toward providing a leaner belly, adding that more flexibility in cutting the bellies would also enhance product marketability.

"U.S. pork producers know that expanding business is more than just having high volumes available. They know that it is important to provide pork that is safe and that has the type of quality Japan demands," said Sanders.

"We're only as strong as our weakest link," said Sanders. "Everyone, from the producer to the packer to the exporter, must cooperate if we are to produce a competitive product suitable for the Japanese consumer, while also satisfying our domestic market."

Another concern expressed by Japanese importers was price volatility. "Pricing is a key issue," said Haggard. "Due to the absence of controls, the U.S. market fluctuates more than the Japanese market, making it difficult for buyers to accept. We will continue to educate the Japanese trade on why our market fluctuates, as well as how they can benefit from it," said Haggard, pointing to the USMEF-sponsored Chicago Mercantile Exchange seminar that was held in Tokyo in March 1991 for Japanese importers.

Haggard also noted that the variable levy system in Japan is a trade restriction that the U.S. is studying very closely.

Japanese per capita pork consumption is just under 37 pounds, double their beef consumption. While consumption is expected to remain steady, or increase slightly, Japan predicts a 50 percent reduction in the number of domestic hog farms.

According to Haggard, home consumption of pork cuts has dropped, as more Japanese women are working outside the home. At the same time, the amount of pork eaten in restaurants has increased. This trend is expected to continue, as is an increased demand for prepared and processed pork.

In 1990 the U.S. exported 46,133 metric tons or $241 million worth of pork and pork variety meats to Japan. The U.S. has 13 percent of the imported pork market, whereas Taiwan has 45 percent and Denmark 32 percent.

USMEF is a non-profit, member-supported organization, charged with planning and implementing programs to promote U.S. red meat in foreign markets. Activities to promote U.S. pork are funded by the USDA and private sources. Both NPPC and IPPA are USMEF members.

Oak Ridge Study Reveals Increased Efficiency

ST. LOUIS, Mo. — A new scientific study by an independent research laboratory reveals that fuel ethanol, which is refined from fermented corn, generates at least 20 percent more usable energy than its production requires.

In addition, ethanol production costs will continue to decrease over the next three years, reducing reliance on traditional fuel resources, the National Corn Growers Association (NCGA) announced recently.

The study, completed by Oak Ridge National Laboratory of Oak Ridge, Tenn., asserts that corn-based ethanol is a "low-cost pathway for deriving liquid fuel" and that "the entire energy cycle from corn production to combustion in the gas tank is extremely energy positive."

"The Oak Ridge study provides additional proof that corn-based ethanol maximizes energy efficiency and can satisfy our nation's need for reliable fuel alternatives," said Mike Bryan, NCGA ethanol program manager.

According to the study, about 56,000 BTUs are required to produce one gallon of fuel ethanol. However, one gallon of ethanol produces at least 76,000 BTUs, resulting in a 20 percent net increase of usable energy, Bryan said.

Oak Ridge researchers analyzed the total energy used to grow and harvest corn, transport feedstock, and process fuel ethanol by the coal-fired co-generation methods typically in use today. The study noted that efforts to reduce the energy required to refine fuel ethanol are continuing in the industry and processing costs will be "substantially" reduced in the next three to five years because improved corn fermentation processes, improved ethanol processing yields, greater economies of scale achieved through ethanol plant upgrades and expansions, and increasing use of low-cost materials in the ethanol cogeneration process, including used tires and garbage rather than coal.

"NCGA is very enthusiastic about the Oak Ridge study," said Bill Northey, chairman of the NCGA ethanol subcommittee and corn farmer from Spirit Lake, Iowa. "It's good news for corn growers and ethanol producers who rely on corn feedstocks. We believe the study will have a positive impact industry-wide and, ultimately, on consumers who utilize ethanol-blended fuels to reduce air pollution and improve vehicle performance."

Ethanol, which has a high oxygen content, is blended with gasoline in 10 percent quantities to reduce emissions of carbon monoxide and other pollutions and to boost octane. It currently is blended in about 8 percent of motor vehicle fuels sold in the U.S.

Fuel ethanol demand is expected to increase dramatically when the nation's Clean Air Act standards take effect in November, 1992, requiring 39 U.S. cities with high carbon monoxide levels to maintain 2.7 percent oxygen content in all gasoline sold for at least four months a year.

Since ethanol is the most cost-efficient method of adding oxygen to gasoline, ethanol demand may reach two billion gallons by 1995, up from 940 million gallons in 1990.

"Corn for annual ethanol production may jump to 1.25 billion bushels by the year 2000, up from 400 million bushels today," Northey said.

"Ethanol has been endorsed by the U.S. Environmental Protection Agency, the U.S. Department of Agriculture, and many other entities as a reliable, environmentally friendly and domestically available fuel resource," he said. "The Oak Ridge study will help advance awareness of corn-based ethanol's advantages and productive energy efficiencies."

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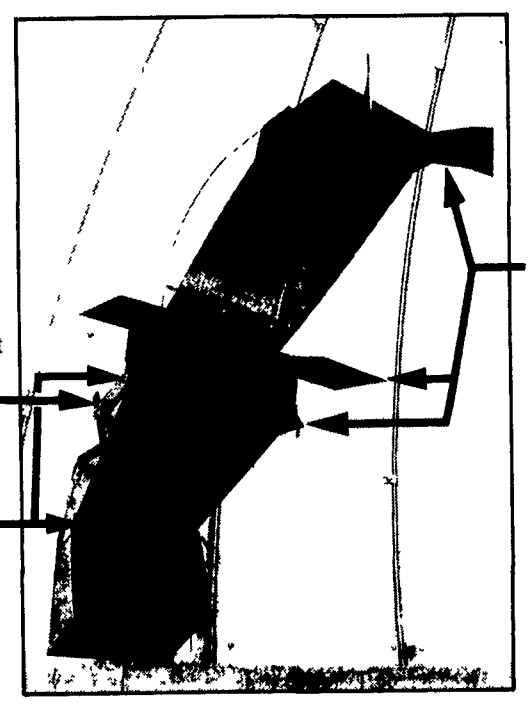

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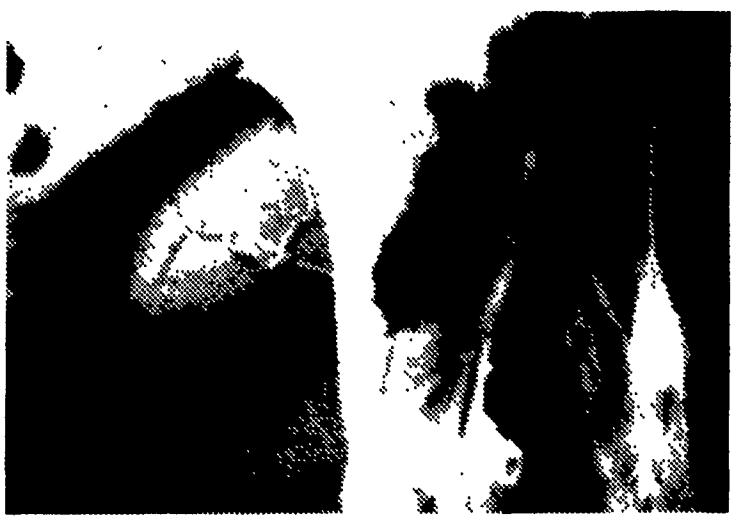

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International Agriculture Highlighted At Farm Show

HARRISBURG (Dauphin Co.) — Penn State's College of Agricultural Sciences will feature an exhibit highlighting Cooperative Extension projects in Central Europe at the 76th Pennsylvania State Farm Show, January 11-16 in Harrisburg.

Since February 1991, the College has sent representatives to Poland as part of a USDA Extension Service project to create better linkages among research, extension and individual producers and to help Polish citizens adjust to an open-market economy. Similar projects are being discussed for other parts of Central Europe.

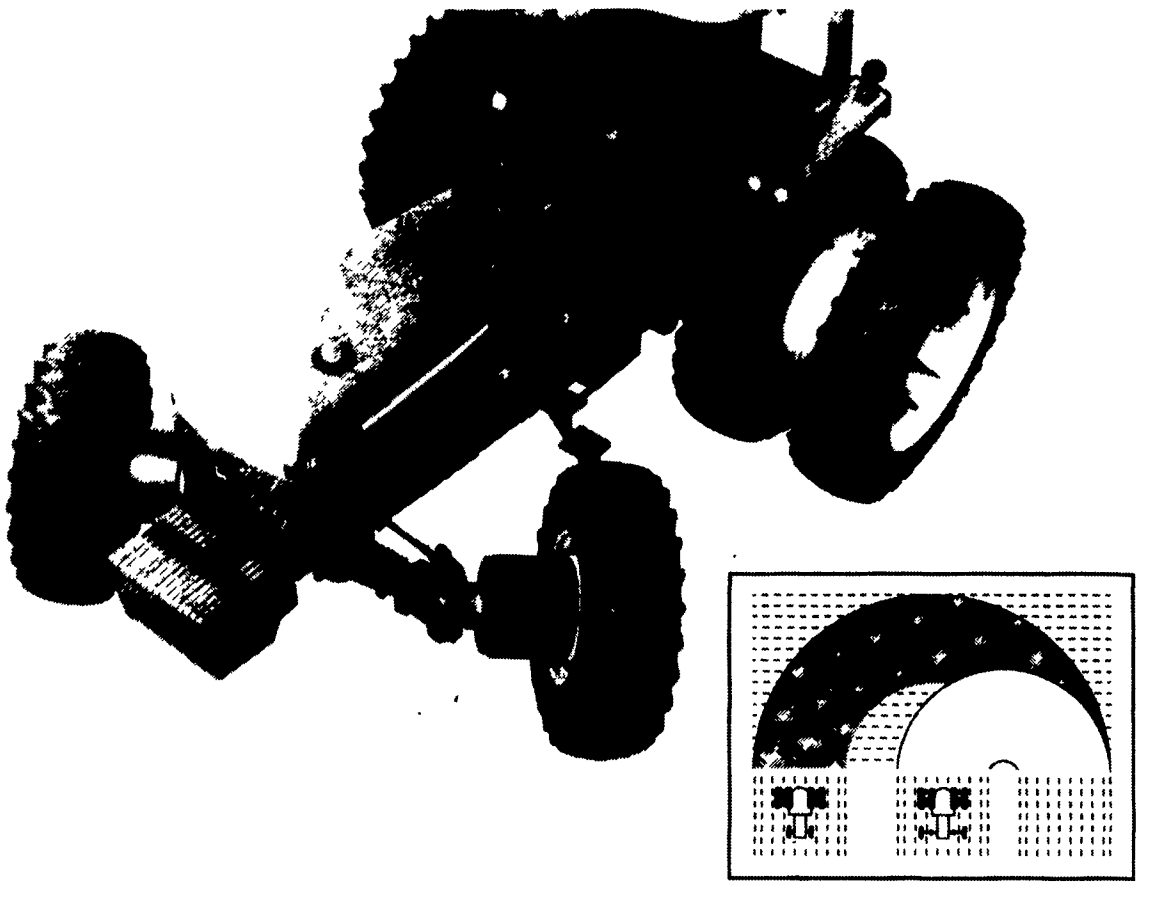
The exhibit will cover three broad issues, including the importance of participating an international agriculture. "It's crucial for us to understand and develop global markets because, nationwide, more than 25 percent of our produce is exported," says J. Dean Jansma, associate dean for international programs. "Poland and the other Central European countries have the potential to become major trading partners with the United States."

The exhibit also will show Penn State's role in international agriculture. "Poland has 49 agricultural advisory service offices, a strong agricultural research base and industrious farmers," says Donald Evans, assistant dean for extension.

"Our role is to assist them with extension education programs that include farm management, small business enterprises, marketing and western-style cooperatives and to relay the importance of local citizens' input in extension programs."

The expansion of these efforts to other Central European countries also will be shown. In December, representatives from Czechoslovakia and Hungary visited Penn State and began collaboration to redesign and revitalize extension programs in their homelands.

Penn State's international exhibit will feature maps of Central Europe accompanied by photos and descriptions of projects taking place. Members of the College who have worked in Poland will be on hand to describe their experiences and answer questions.



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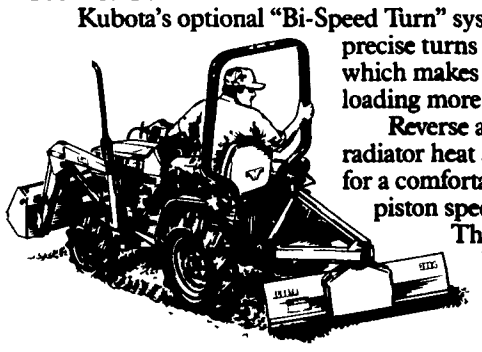

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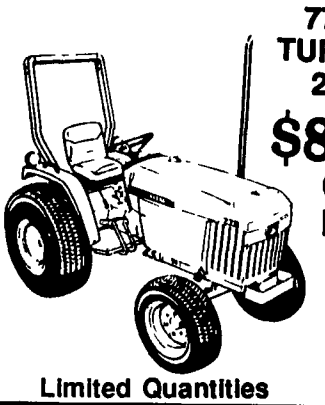

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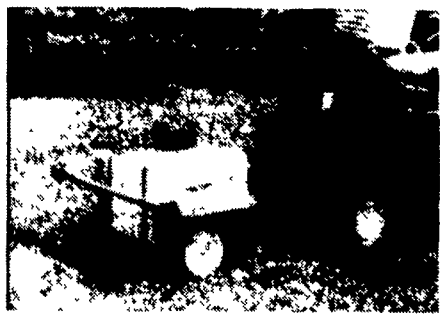

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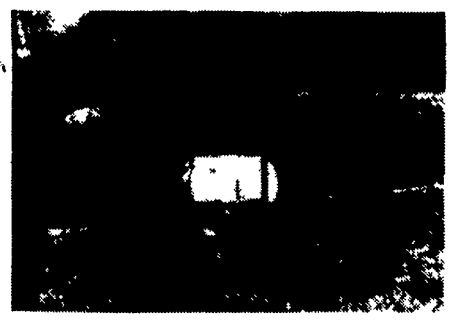

55 gallon ATV sprayer with 21 foot boom.

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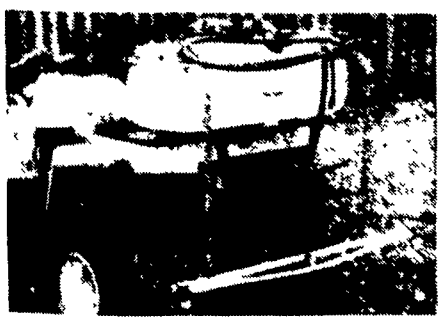
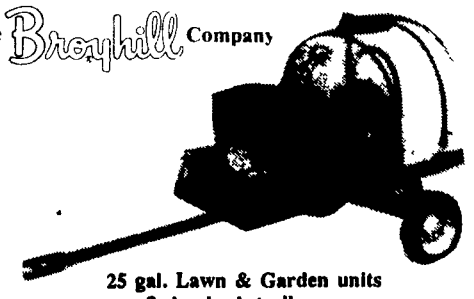


12, 14 & 20 gallon spot sprayers. (14/12-DIB 14 gal. unit shown)

The Broyhill Company



25 gal. Lawn & Garden units 3rd. wheel, trailer or skidded versions.

Special Use Application

and Miscellaneous sprayers, such as platform, cattle sprayers, spot sprayers and backpack sprayer are another part of Broyhill's extensive spraying line.

NEW FROM KASCO — Fits Tye, JD, CASE IH & Great Plains

Grain Drill Auger System
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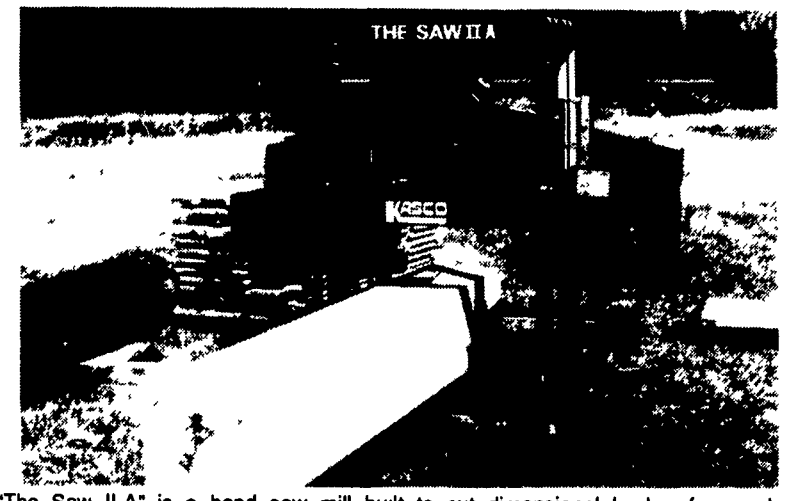
Showing Vertical Auger in Filling Position

KASCO PORTABLE BAND SAW MILL Model KS-4038



"The Saw II-A" is a band saw mill built to cut dimensional lumber from a log, accurately and smoothly. The Kasco mill is built durable, having heavy 2"x3" tubing, 4" channel iron and ¼ "x10" plate in mill frame Track is of 4"x4" 2½ " angle iron. Heavy shafts on which the blade wheels run are 1⅞ " diameter and 37½ " long, supported on each end with heavy ball bearings, giving extra stability and longer, trouble-free life.

Kasco, having built farm equipment for 25 years, has learned by experience more than by the book that extra iron along with good design and good workmanship go together to make a piece of equipment that is durable, holding its value like a machine tool.

Thus, a customer of "The Saw II-A" can expect the equipment to give years of satisfactory service.

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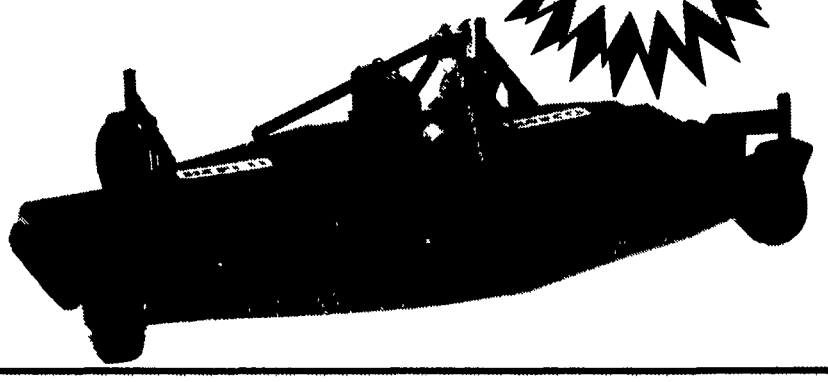

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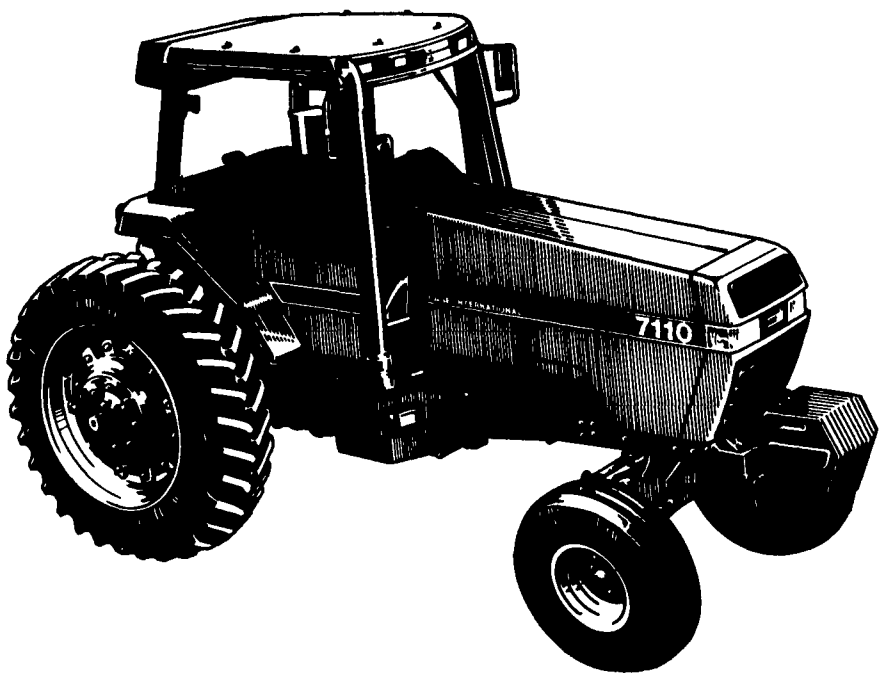

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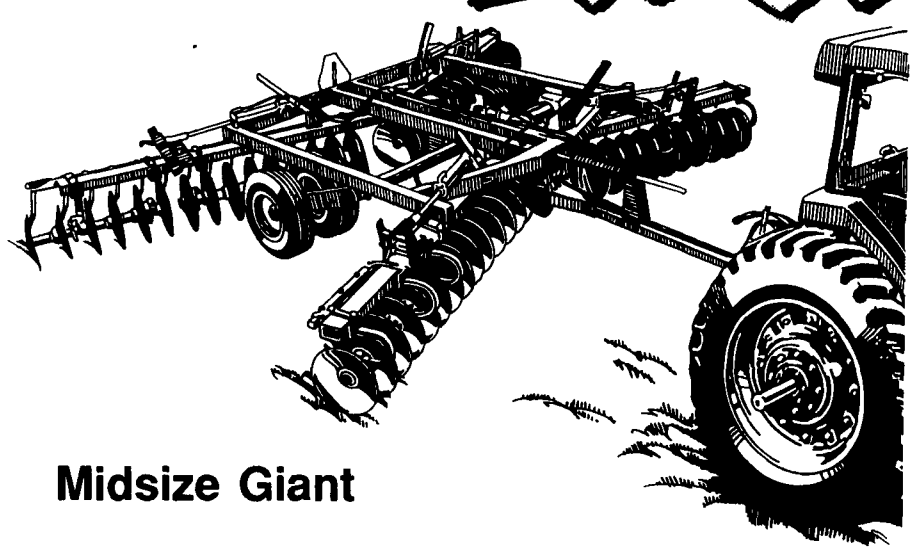

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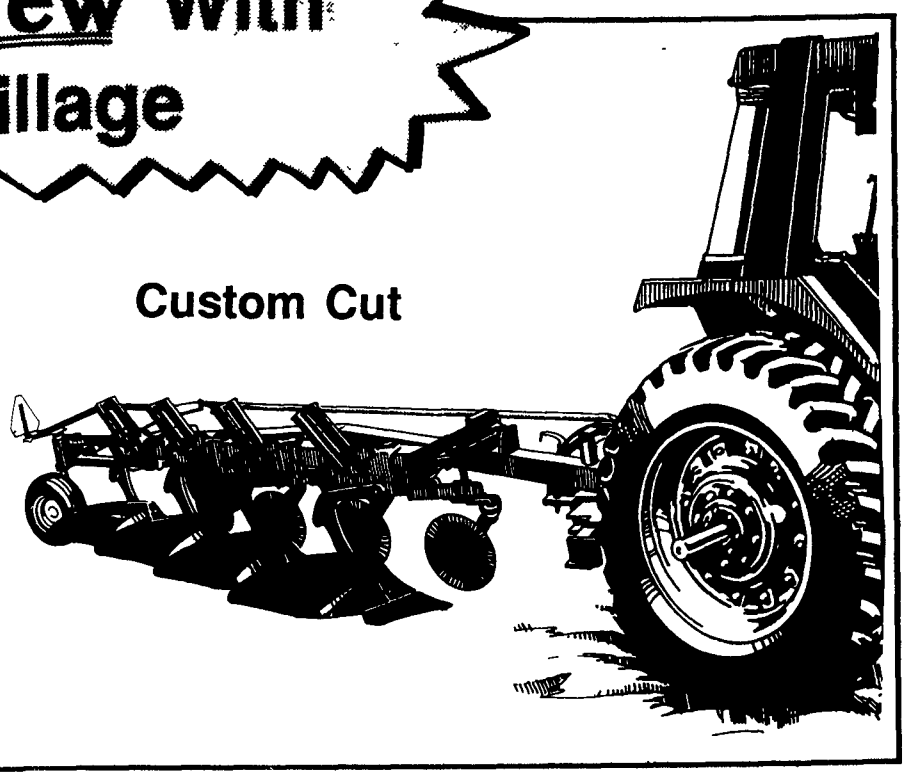

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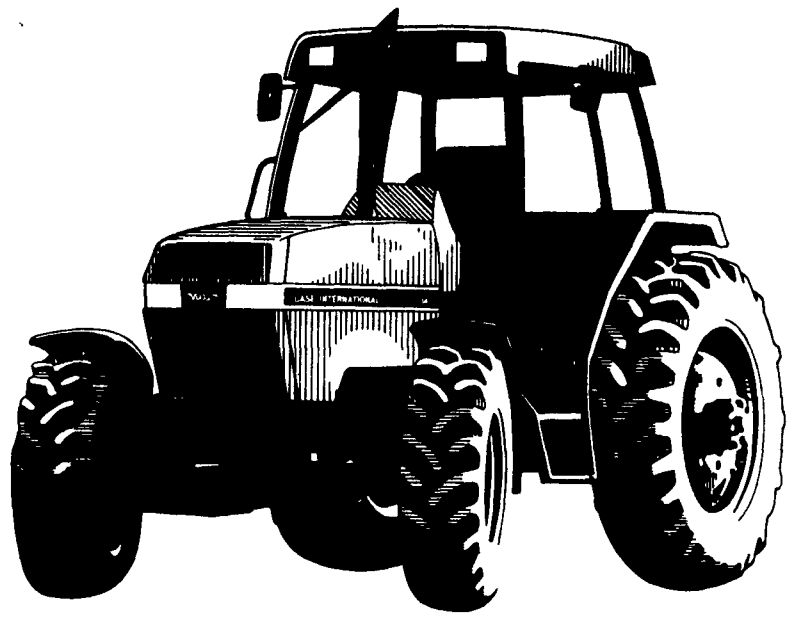

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Growers Experience 'Hands-On' Growing

ST. LOUIS, Mo. — The nation's top corn growers attending the National Corn Growers Association (NCGA) 1992 Corn Classic in Orlando, Fla., will have an opportunity to keep in touch with this industry's top issues during the informal hands-on sessions, sponsored by Conoco Farm Master Universal Oil, on Monday, February 24, from 2 p.m.-5 p.m.

Back by popular demand, the health fair will return with free screenings (including blood pressure, cholesterol, and nutrition) given by an area health center. Conoco's Lube School will compliment the session titled "In Working Order: Workshops Designed to Make You and Your Equipment Work Longer and Better."

Attendees will gain insight on the potential for increasing corn use through coal desulfurization from Dr. Robert Savage of Ohio University and biodegradable plastics from Dr. Ramani Narayan of Michigan Biotechnology Institute during "Emerging Technologies in New Corn Uses: Coal Desulfurization and Biodegradable Plastics."

How can growers adapt their operation today for tomorrow's weather pattern changes? Dr. Eugene Takle of Iowa State University will share research results and trends for future weather pattern changes in "Weather Watching for a Sunnier Future."

As a professor of agricultural meteorology, Takle's research includes impact of global warming on the U.S. Midwest, turbulence near the earth's surface, and design of shelterbelts and windbreaks. "Crop Reporting and Market Response" will feature the procedures used for collecting yield forecast data for the USDA crop reports and the effect of the crop reports on the commodity markets. Seminar leaders are John Witzig, chief of crops branch and Charles Van Lahr, Jr., national corn commodity statistician of the National Agricultural Statistics Service.

"Bits and Bytes of Farm Management" will give growers a chance to take a new farm management software program on a test drive to see which programs will accelerate operation results.

Larry Johnson will show attendees what they can do in their local area to increase the market share for ethanol during "Ethanol Marketing: What You Can Do." The session will also discuss the future potential of ethanol, automotive drivability issues, and ethanol blend handling, pricing, and marketing.

Attendees will learn how to keep the assets they've worked hard to accumulate growing for the next generation from a Merrill Lynch & Company estate planning representative in "Growing for the Next Generation: Estate Planning." Early to bed and early to rise may not make Corn Classic participants healthier but might make them wealthy and wise if they follow some of the latest marketing tips during the bonus early-riser marketing session, sponsored by Blunt, Ellis and Loewi, on Monday, February 24 from 6:30 a.m.-7:30 a.m.

For those up to rising early two days in a row, another early-riser session will be given on "Challenges for Corn Grower Leaders in the '90s." Wake up and smell the coffee on this industry's current challenges on Tuesday, February 25 from 6:30 a.m.-7:30 a.m.

Anuga Show Yields Trade Leads

HARRISBURG (Dauphin Co.) — Trade leads from 43 countries were generated by Pennsylvania's exhibit at the ANUGA '91 Trade Show held in Cologne, Germany. ANUGA is the largest food and beverage show in the World.

The Pennsylvania USA exhibit was sponsored by the Pennsylvania Department of Agriculture's International Trade Division. The division was established in 1979 to promote the sale of commonwealth products internationally.

"We're delighted with the success that we achieved with our exhibit at the ANUGA show this year," Secretary of Agriculture Boyd E. Wolff said. "In these lean economic times for our country, it's encouraging to see that there is a growing worldwide market for Pennsylvania agricultural products."

A total of 193 leads were generated by 43 countries around the globe, from South America to Africa and the Far East.

Eight Pennsylvania firms were represented at the show. Peter Witmer, director of the international trade division, stressed that the leads that are developed often result in long-term business relationships.

"What we're trying to do," said Witmer, "is expand and diversify the customer base for Pennsylvania agricultural products."

The value of Pennsylvania agricultural exports has risen by more than $126 million since 1986. The most recent numbers (for federal fiscal year ending October 1, 1990) show exports totalled $295.1 million, up another $24.9 million over the previous year. Through increased participation in overseas trade shows, the Department of Agriculture has helped foreign buyers discover quality Pennsylvania products such as candy, snacks, grocery items, beverages, lumber, logs, wood products, and food handling equipment.

In addition to its promotional activities, the International Trade Division undertakes a variety of educational and technical programs, including seminars, credit information, freight assistance, and others.

To find out more about how the division can help farmers export Pennsylvania agricultural products, contact Ken Hall at (717) 783-3181.

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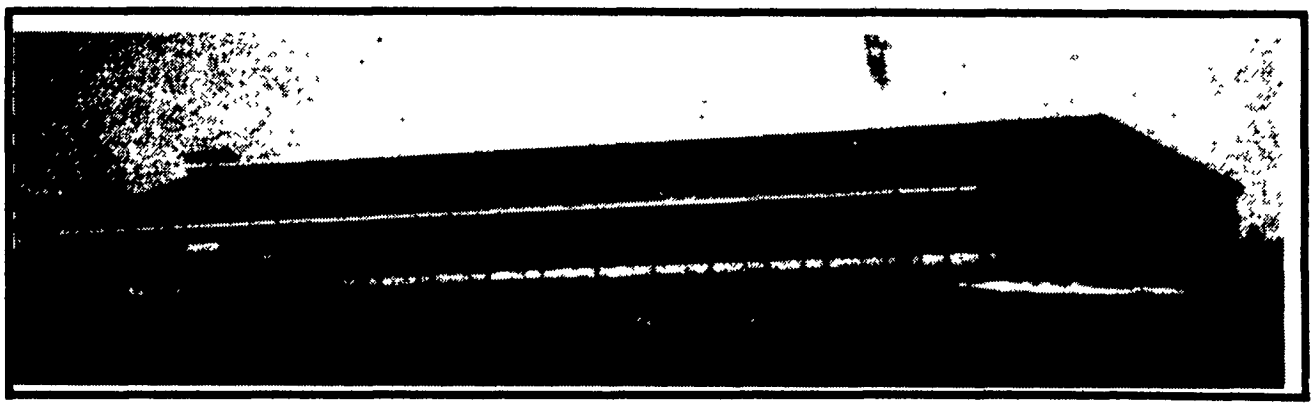
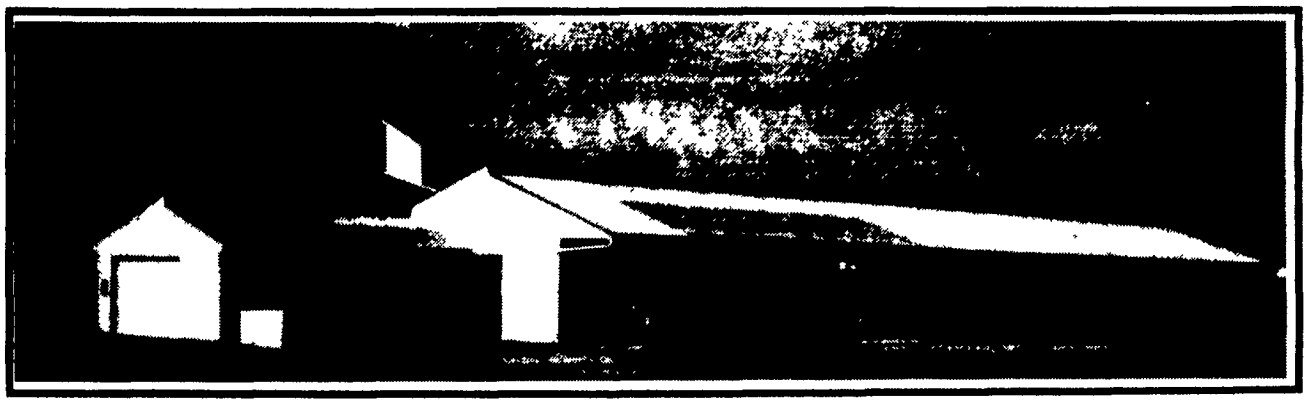


BEEF BARN WITH TOTAL SLAT SYSTEM

HORSE STALL BARN



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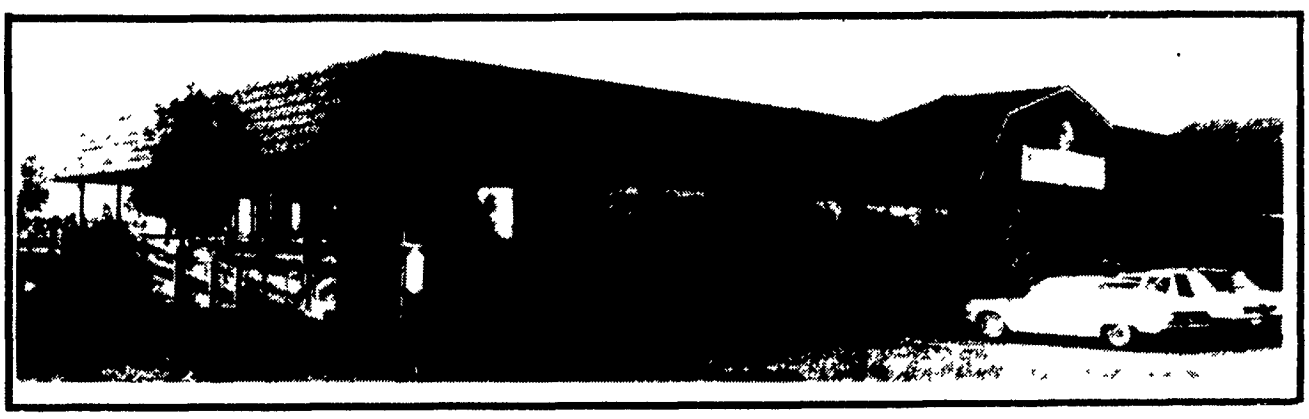

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CMAs Part Of Improving Crop Picture

UNIVERSITY PARK (Centre Co.) — Economic and environmental pressures are making it increasingly difficult for today's farmers to maintain healthy operations.

However, local organizations called crop management associations (CMAs) are helping more and more producers make the sound management decisions they need to remain profitable.

"Obtaining the right information at the right time and interpreting it correctly are critical to growing crops efficiently for a profit," said Jan Pruss, manager of the Crop Management Program in Penn State's College of Agricultural Sciences. "Crop management associations can help producers deal with the pressures of preserving the environment, sustaining the farm, and maintaining optimum economic production."

The benefits of joining a CMA will be discussed at the 8th annual meeting of the Pennsylvania Crop Management Association, January 23 at the Knights of Columbus Hall in State College. The PCMA is a statewide committee of elected farmer officers representing local CMAs. All local CMA members, and those interested in forming a crop management association in their area, are invited to attend.

Crop management associations have been helping farmers improve cropping practices since 1979. There are 10 CMAs throughout Pennsylvania, encompassing nearly 80,000 acres on 450 farms. CMAs assist their members by hiring professional consultants and technicians to scout fields, test soils, make recommendations, and develop integrated crop management systems.

The services provided by CMAs often result in economic and environmental benefits, such as lower input costs and improved water quality.

"Crop management consultants used the pre-sidedress nitrogen test in 1990 to make recommendations for nitrogen applications on corn fields," said Pruss. "As a result, farmers located in six Chesapeake Bay watershed counties reduced nitrogen applications by more than 70,000 pounds, at a total savings of more than $7 per acre."

The annual PCMA meeting will include presentations by several Penn State specialists and members of the agricultural community. The morning session will feature an address by Pennsylvania Secretary of Agriculture Boyd Wolff. In addition, Louis Moore, Penn State professor of agricultural economics, will discuss the state's agricultural economy and Dr. Stanley Curtis, head of Penn State's dairy and animal science department, will talk about animal welfare. State Senator Roger Madigan also will address the group.

Following lunch, Dr. Al Turgeon, head of Penn State's agronomy department, will speak on educating students in the College of Agricultural Sciences, and Dr. Gary Petersen, professor of agronomy and director of remote sensing, will discuss NASA's Earth Observing System and Pennsylvania watershed rankings for nonpoint pollution.

New Snyder FFA Association Established

MIDDLEBURG (Snyder Co.)—A new Snyder County Future Farmers of America Alumni Association has been established consisting of Selinsgrove, Middleburg, and West Snyder past FFA and non FFA members. This group supports local agriculture in school and in the community. Officers for the current year are: Charles Ax III, president; Dean Smith, vice president; Deb Benfer, secretary; Lloyd Eisenhart, treasurer; and Judi Hauck, news reporter. In the photo are, left to right, front row: Richard Gardner and Bruce Latshau, state FFA alumni officers. Back row, Lisa Acamporo, state FFA alumni officer; Benfer; Hauck; Ax; Smith; and Eisenhart.

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1992
BARN PAINTING
SPRAY & BRUSHING

To farm building owners —
Under today's farm economy it is time to reduce maintenance frustrations.

Do you remember of hearing of barn painting of approximately 75 years ago that it stayed nice longer? lasted 25 years?

Observation #1 In recent years many of these good old barn surfaces have been ruined by overcoating, poor preparation and application, lack of controlled paint placement and film thickness. The time is coming to salvage our buildings (a) Start over (b) Water blast (c) RESURFACE (d) Use solid stain to penetrate on bare spots! (e) Second coat with a breathing film thickness (f) Brush out in all directions with finest of bristles.

Really it is not as complicated as the recent changing regulations on clean milk production, or wet soils, or zoning. It is also less expensive than other barn painting experiences!

Observation #2 Colored water (latex) is less desirable for farm buildings. There is a long list of reasons for this.

Observation #3 Todays painted metal siding and roofing has a remarkably short life. Bad alloy or metal. There might be another list of reasons for this. To save it at reasonable coating cost - timing is important.

Observation #4 Today's wood selection for siding etc. is also poor. How about recycling building material?

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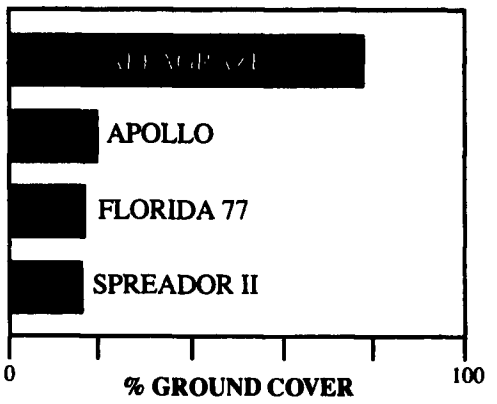

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Christian Farmers Group Makes Plans

A family enrichment seminar and short-term international work missions are several of the early 1992 activities offered for farmers by the Fellowship of Christian Farmers International.

FCFI is a nondenominational group of more than than 7,500 farmers and agribusiness people whose purpose is to strengthen faith in God through Christian fellowship and outreach activities.

Stewardship in managing your family, finances and farming enterprises is the theme of the seminar on Valentine's weekend, February 14-16, in Chicago.

Speakers include Jerry Carlson, editor of LandOwner newsletter; Dan Manternach, editor of Pro Farmer marketing newsletter; Jerry Wonder of Family Ministry; Joseph Stowell, president of the Moody Bible Institute; and Thomas Herlong, president of FCFI and a farmer at Johnston, South Carolina.

Registration is $140 per couple or $75 per person by January 15 ($180 and $90 thereafter). For more information or to register contact seminar coordinator John Schillinger, 645 E. Ridge Cr., Kalamazoo, MI 49009 (616/385-6713).

FCFI work missions in 1992 include Mexico, Brazil and Nicaragua. Three dates are available for Mexico. The first is January 19-28, the second is February 9-18 and the third is March 2-11. Cost is $250 from San Antonio.

The Brazil work mission is February 6-20 and includes an added agricultural tour of several days. Cost is about $1,800 from Miami. The third mission to to Nicaragua on February 10-17 to build high tensile fence. Cost is about $1,000 from Houston.

For more information on FCFI work missions contact Dennis Schlagel, 2819 Richard Road, Bloomington, IL 61704 (309/663-2650).

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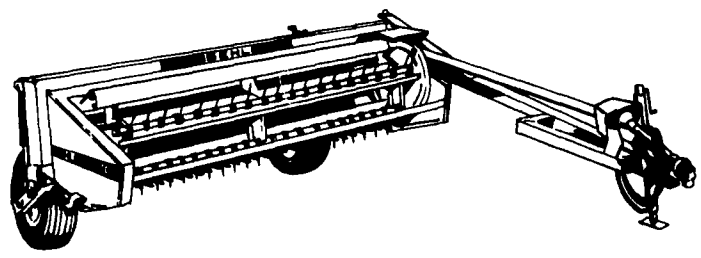
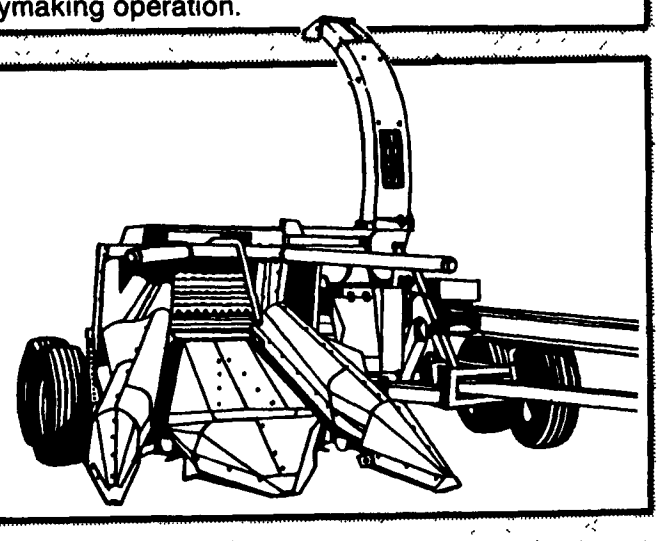
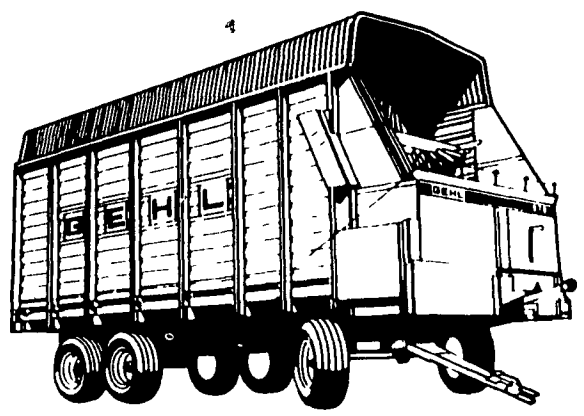


The Gehl 2140/2170 mower conditioners will thoroughly condition your hay. These pull-type mower conditioners are built for fast cutting, fast drying and worry-free performance. The wide, intermeshing rubber rolls with intermittent ribs give you 35% more working edges than continuous-ribbed rolls, for more thorough conditioning. That means shorter drying time with less leaf damage. See your Gehl dealer today on how the 2140, with a 7 ft. cutting width, and the 2170 with a 9 ft. 3 in. cutting width, will fit into your haymaking operation.

Versatility Champ!



With a horsepower rating for maximum 200 hp, the Gehl 1060 features exclusive patented spinner delivery system that "jets" material from cylinder to blower in a continuous flow. Other features include overrunning clutch; in-head hydraulic knife sharpener that allows in-field knife sharpening and refacing of cutterbar, using tractor hydraulics; and single-station cutterbar adjustment. Auto-Max system, speed monitor, metal detector, haylage water tank optional! It's totally versatile! Make us prove it with a demonstration.



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Sustainable Agriculture Featured At PSU Booth

HARRISBURG (Dauphin Co.) — Sustainable agriculture, the profitable production of food and other products with minimum risk to the environment, will be featured as part of Penn State's exhibit at the 76th Pennsylvania State Farm Show, January 11-16 in Harrisburg.

"Sustainable agriculture is emerging as a national priority," says Dr. James Frazier, professor of entomology and coordinator of the sustainable agriculture display. "People have many different ideas about what sustainable agriculture means. We hope our exhibit gives people a more complete understanding."

The U.S. Department of Agriculture defines sustainable agriculture as "an integrated system of plant and animal production practices having a site-specific application."

To qualify as sustainable, such practices must "satisfy human food and fiber needs; enhance environmental quality and the natural resource base upon which the agricultural economy depends; make the most efficient use of nonrenewable and on-farm resources and integrate, where appropriate, natural biological cycles and controls; sustain the economic viability of farm operations; and enhance the quality of life for farmers and society as a whole."

Penn State's exhibit will demonstrate some of the benefits of sustainable agriculture. Faculty and staff from the College of Agricultural Sciences will be on hand to answer questions and describe some of the College's many research and extension programs that directly contribute to sustainable agriculture. Visitors also can express their opinions on the topic by completing a survey.

Chester Co. Ag Honors Presented By Commissioners

WEST CHESTER (Chester Co.) — The Chester County Board of Commissioners and the Chester County Agricultural Development Council recently presented two agricultural-related awards recognizing outstanding service in the Chester County agricultural and farming communities for the 1991 year.

The 1991 Distinguished Agricultural Service Award was presented to Harold Kulp of East Coventry Township. Kulp is a dairy farmer. He has been farming his 200 acre farm since 1952. Kulp has 130 milking cows and 130 replacement heifers.

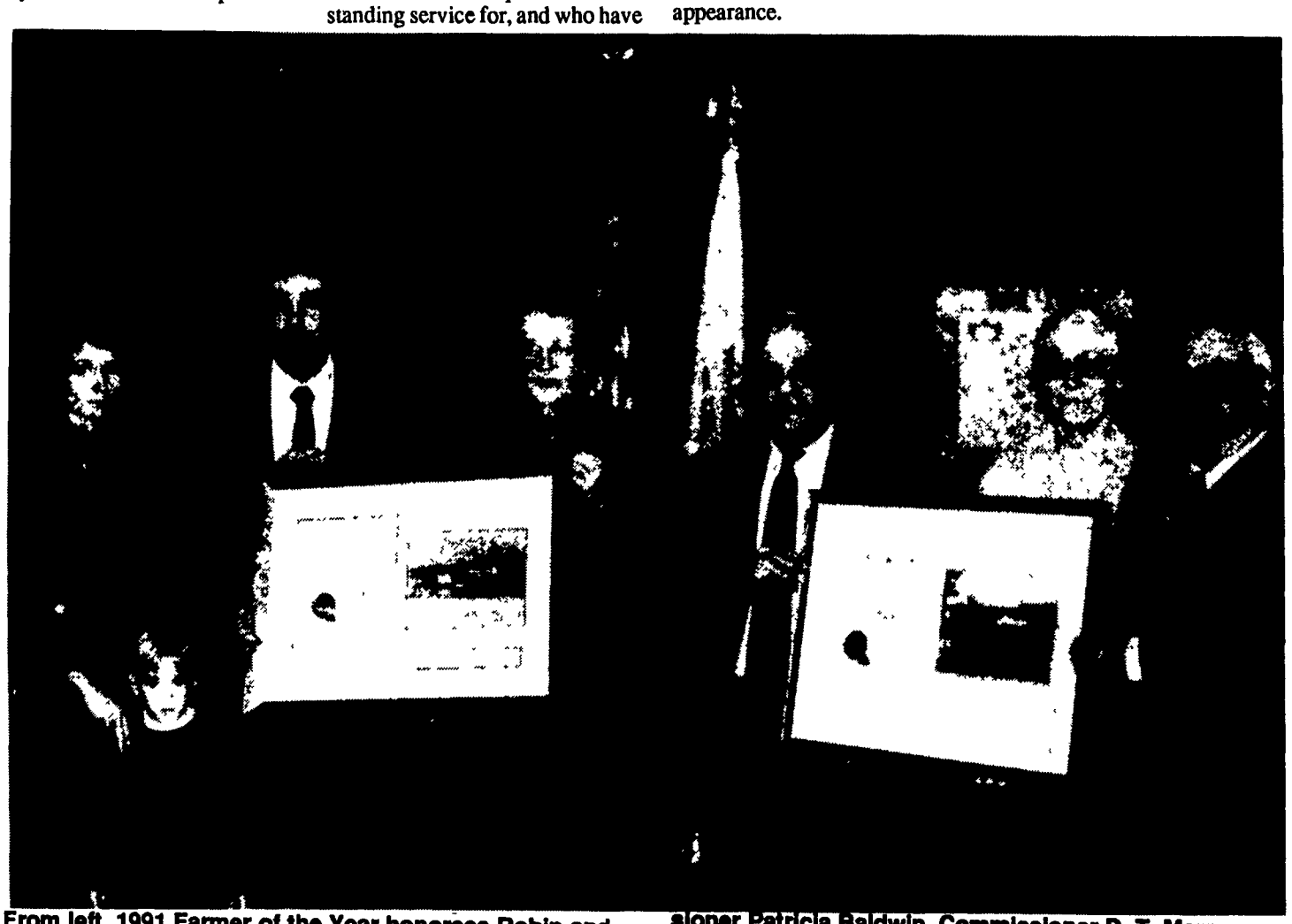
Kulp has a long record of exemplary service to Chester County agriculture, including over thirty-five years of service to the Chester-Delaware Farmers Association and twenty years of service as director of the Chester County Conservation District. He has provided many years of voluntary leadership to the Atlantic Dairy Cooperative, Agway Incorporated, Penn State Agriculture Advisory Council, Chester County Agricultural Land Preservation Board and the East Coventry Township Planning Commission.

The 1991 Farmer of the Year Award was presented to William and Robin Beam of West Nantmeal Township. The Beams are hog and crop farms. Their 175-acre farm has been in the family for a number of years, and operated by William Beam for the past ten years.

In making the presentation, county officials noted that the William Beam family has consistently maintained a farm operation which exhibits sound farming practices and outstanding farm appearance, representing the best in Chester County agriculture.

The Distinguished Agricultural Service Award recognizes individuals who have provided outstanding service for, and who have made significant contributions to the Chester County agricultural community. The Farmer of the Year Award recognizes a Chester County farm family who maintains and exemplifies outstanding farming practices and farm appearance.

This is the third year for the presentation of these two awards by the Board of Commissioners and the Agricultural Development Council.



From left, 1991 Farmer of the Year honorees Robin and William Beam and their son, Shawn, of West Nantmeal Township in Chester County receive honors from Commissioner Patricia Baldwin. Commissioner D. T. Marrone presents distinguished agricultural service award to Mrs. and Mr. Harold Kulp of East Covnetry Township.

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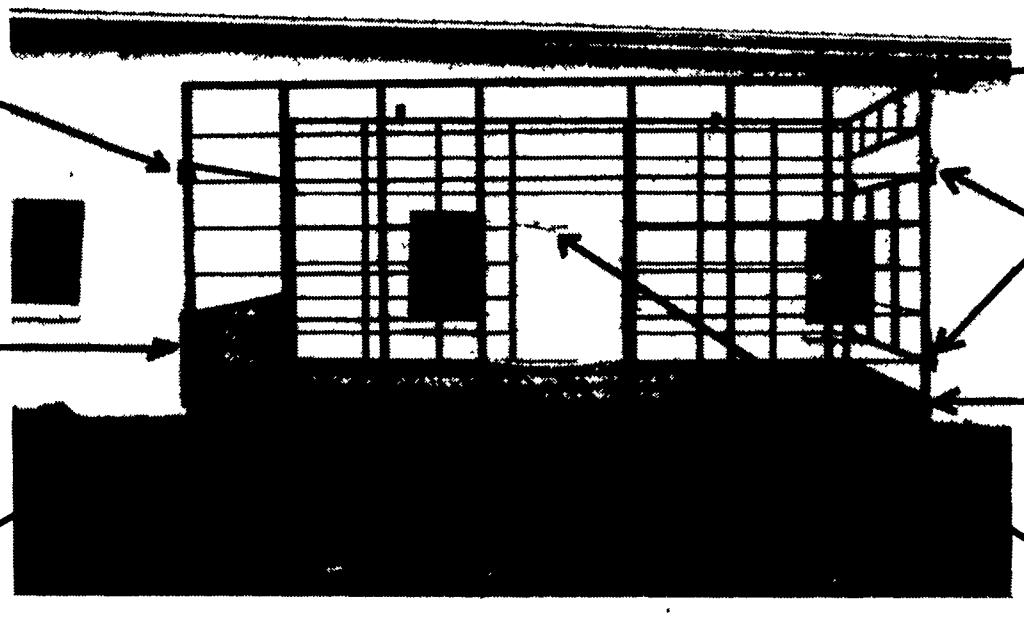
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Mange Mites Bite Pigs

UNIVERSITY PARK (Centre Co.) — Pennsylvania swine producers should carefully watch their animals for signs of mange during cold winter months, said a specialist in Penn State's College of Agricultural Sciences.

"Mange usually becomes more prevalent this time of year, perhaps because pigs huddle together to keep warm, enhancing transmission of the mange mite," said Dr. Kenneth Kephart, associate professor of animal science.

Swine mange mites infest only pigs, burrowing and reproducing under their skin, causing itching and restlessness. "There aren't many things that make pigs as miserable as mange, and believe me, it costs money," Kephart said.

Studies show that pigs from mange-infested herds weigh about a pound less at weaning and take five to seven days longer to reach market weight. Feed efficiency of a whole herd can drop as much as 10 percent.

"Under field conditions, this can add up to an annual cost of nearly $80 per sow," Kephart said.

How can you tell if your herd is infested?

"If you see pigs rubbing against a fence or wall, they probably have mange," Kephart said. "If you look more closely, infested pigs will have small, pimple-like regions on the underside of the legs and belly. These areas look a lot like poison ivy.

"In more advanced stages, the inside of the pigs' ears become brown and crusty, and the pigs' flanks may be bald from rubbing," Kephart said. "The pigs' skin takes on a rough, leathery appearance."

Until recently, mange has been tough to control and nearly impossible to eliminate. But new products have improved mange control dramatically.

"Many safe and effective mange control sprays are available on the market, including Permectrin, Ectiban, Prolate, and Taktic," Kephart said. "However, some spray products have age restrictions and all require two applications 7 to 10 days apart — the first to kill live mites, the second to kill newly hatched baby mites. Withdrawal times for these sprays range from a day to a week."

Spray treatments may be more difficult during winter than summer, however.

"When you spray pigs during the winter, the weather might be too cold to risk getting them wet," Kephart said.

An alternative mange-control product is Ivermectin, an injection treatment that generally eliminates the mange mite as well as lice with one application and offers temporary control of most internal parasites.

"Ivermectin is clearly the most effective mange-control product on the market, but it requires injection, has a withdrawal period of 18 days, and is more expensive than sprays," Kephart said. "Many producers use it to treat sows prior to farrowing, and it's a good treatment at that time. But if a mange outbreak is getting ahead of you, the labor and expense involved in treating a large group of pigs with Ivermectin can become a problem.

"Producers whose herds have serious mange outbreaks need to weigh the cost of the disease against the cost of the treatment, and make the best decision for their operation," Kephart said.

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Ethanol South Of The Border?

WASHINGTON, D.C. — From the air, Mexico City looks like it is perpetually fogged in. Although the city sits at more than 7,000 feet in elevation, the air is anything but crisp and clean.

"The air pollution is significantly worse than what I expected," said Darrel Rammeyer, corn producer from the Illinois Corn Board and member of a recent U.S. Feed Grains Council Fact-Finding Mission to Latin America.

"There is certainly a need for some clean burning ethanol to run in the gas tanks down here," said Rammeyer.

Mexico is doing a number of things to address the air pollution problem that plagues Mexico City. Among these are severe emissions restriction requirements placed on taxis, trucks and buses, a requirement that passengers cars must have an engine tune up at least once every six months, and a requirement that passenger vehicles cannot be on the road more than six days a week. Each vehicle has a code on the license plate that indicates the day of the week that it may not be driven.

"The most severe deterrent was a hike in the price of gas announced by the government while we were there," said John Whipple, mission member from the Iowa Corn Promotion Board.

"Unleaded gas went up 25 percent and leaded gas went up 55 percent," said Whipple. The price of gas in Mexico now exceeds that in the United States.

"We see a natural market here for ethanol," said Rammeyer. "Yes, Mexico is an oil producer, but they are also a gasoline importer." Mexico is importing as much as 10 percent of their gasoline because of a shortage of refining capacity, and that might as well be ethanol from the United States, according to Whipple. Ethanol would help solve their pollution problem and open up another market for U.S. corn growers, he said.

Rammeyer and Whipple were part of a 14 member fact-finding mission to Latin America sponsored by the U.S. Feed Grains Council. The objective of the mission was to identify new market opportunities for feed grains and feed grains-based products such as ethanol. A full report of the missions findings and recommendations will be presented to the board of directors of the council in February.

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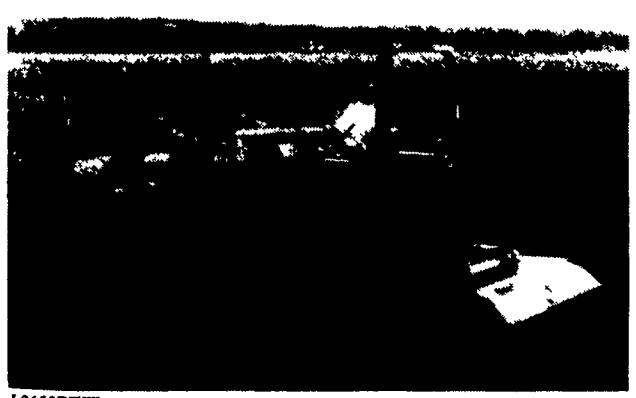
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4 Jersey
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G Grade
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November, 1991
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Smysers Richlawn Fms	3	76.4	86.2	25,707	892	779
Lynn Wolf	3	85.8	88.2	24,295	828	761
Leonard Greek	B3	46.9	90.9	23,311	835	752
HS & RE Fetrow	3	88.6	87.8	23,079	785	747
Thomas A Boyer	3	43.2	88.0	22,558	838	725
Jim&Holly McCaffree	3	58.4	89.3	22,932	796	715
Edwin L Calhoun	B3	57.6	88.0	22,514	820	714
Sinking Spring Fminc	3	67.3	87.0	22,174	812	702
Walk Le Holsteins	B3	80.1	86.0	22,575	717	700
Ramsey S Cooper Jr	3	69.1	88.1	22,712	854	689
Melvin R Lehr	B3	51.0	85.2	21,819	774	680
Wayne E Myers	3	52.2	84.5	21,640	776	671
Beshore Farms	3	44.4	85.0	20,581	809	665
Dale & Darla Doll	3	87.8	86.4	20,630	684	655
Woodbine Farms	3	165.0	88.0	20,129	704	653
William Myers	B3	50 3	87.2	20,132	729	647
B Robert Charles	3	44.5	87.8	20,743	750	645
Leaspring Farm	3	61.0	86.8	20,792	715	645
Smokey Hollow Farm	G3	57.6	91.3	20,901	715	644
Walnut Hill Farm	B8	61.4	85.7	19,639	732	635
Rutters	3	23.6	86.2	20,077	810	633
Applehurst Farms	3	28.0	87.4	20,176	681	625
Melvin + Barb Marks	3	51.3	86.0	19,077	680	616
Gary W Thoman	3	52.5	87.0	19,647	722	615
Ted+Dianne Haberland	3	70.5	81.2	18,575	657	613
Furnace Creek Farm	3	128.5	87.8	19,507	683	611
McRal Dairy Farm	B3	339.9	87.7	19,690	805	606
RR&MR Stewart	3	58.9	89.8	18,517	652	604
Horace E Heindel	3	188.7	88.5	17,917	624	602
Howard G Taylor	B3	69.8	87.4	18,163	648	598
Elvin R Deiter	G3	59.6	82.5	18,902	685	597
George Innerst&Sons	B3	121.8	88.4	19,026	657	597
Leroy Bupp	3	110.7	87.6	18,308	594	595
Stump'Acres	3	100.4	85.6	18,105	719	595
Dale E Ranck	3	44.1	88.7	18,632	656	592
Dennis J Myers	3	46.9	90.2	19,096	619	588
Eisenhart Bros	G8	91.8	89.5	17,832	635	585
David Gemmill	B3	96.2	87.3	18,693	685	585
Jerry A Krone	3	7.2	86.5	19,164	571	582
Hushon Farms	B3	77.1	91.2	17,987	641	582
Earl Fuhrman	3	94.7	85.0	18,984	669	581
Elvin G Molison	B3	152.3	84.4	18,263	694	580
Deal Holsteins Farm	B3	130.4	87.5	17,897	656	579
Kevin S Holtzinger	B3	259.2	87.8	18,631	669	579
T Edwin Johnson	3	104.2	83.2	17,893	665	577
Myron R Pomraning	B3	46.2	89.3	17,792	617	575
Rodman C Thompson	3	69.7	86.7	17,552	656	573
Keith A Shaffer	3	44.0	87.7	18,640	644	570
Wayshar Farm	B3	73.2	86.3	18,161	653	568
John C Krone	B3	43.8	86.5	18,188	608	565
David L & Chris Druck	G3	65.2	83.1	17,810	571	564
Robt Baumgardner Jr	B3	72.7	86.0	17,059	599	562

Lycoming County DHIA
November, 1991
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Eugene W Hall	3	79.8	92.0	22,651	856	772
Milton S Fuoss Jr	3	37.6	87.4	22,990	790	731
Schon-Crest Farms	B3	47.0	91.2	22,107	733	699
Marvin L Waltz	B3	76.0	85.7	20,474	734	659
Benjamin E McCarty	B3	44.0	88.3	19,615	739	650
Burbet Holsteins	B3	19.8	82.1	20,633	681	649
Samuel & Larry Fry	3	110.2	89.7	19,923	733	643
Cha Der Dairy	B3	26.4	84.3	18,903	732	641
Franklin J Finck	3	99.3	89.8	19,815	732	638
Robert C Bronson	3	56.7	88.0	19,320	677	637
Ritter-Ridge Farm	3	94.0	90.0	19,065	657	630
Steppe Brothers	3	73.1	88.7	19,154	738	619
Lost Brook Farm	B3	156.7	82.0	18,971	713	618
Steven T Ulmer	G3	54.4	85.7	19,596	686	618
Charles F Ulmer Jr	B3	52.6	87.6	19,210	629	609
John Snyder	3	48.0	85.9	18,713	695	608
Mars-View Farm	B3	76.0	86.0	17,699	655	607
Willard M Brelsford	B3	42.1	91.8	19,900	701	604
Jay-Linda Kreider	B3	62.2	90.2	18,490	685	604
Chas+Marianne Rogers	B3	44.6	84.6	19,312	682	602
E And Y Metzger	G3	48.9	84.4	19,501	673	599
Linden-Hills Farm	3	36.0	84 1	18,454	654	597
Edgar+William Hunter	3	34.4	83.9	17,819	690	594
Mont Will Farms	B3	37.5	87.5	19,130	712	591
Greider Holsteins	B3	145.2	85.9	18,489	672	587
Bower Farms	G3	100.5	89.5	18,143	685	581
Vollman Dairy Farm	B3	48.6	89.3	18,969	682	579
John P Leatherman	B3	61.4	84.0	17,910	657	578
Fred+Scott Lovell	B3	40.3	85.5	18,478	665	572
Miller & Rearick	G3	69.8	90.0	16,948	628	571
Dale F Cooley	B3	37.3	89.5	17,407	601	566
Earl L Hensler	G3	33.5	94.0	17,038	644	564
Steven C & Susan Neff	B3	69.0	86.4	17,794	666	564
Burbet Jerseys	4	20.2	86.1	15,052	699	563
Frank + Barb Hartley	B3	30.4	87.4	18,447	651	563

Snyder County DHIA
November 1991
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
JL & CL Shaffer	3	35.3	89.3	23,498	910	755
Sauderdale Farm	B3	49.6	89.5	22,036	837	702
Mabarbil Farms	3	83.7	89.4	20,761	783	693
Alan R Narehood	3	29.6	90.1	20,763	848	691
Fisherdale Farm	B3	68.6	89.2	20,915	766	684
Tim-Laurie Hackenberg	3	45.1	90.1	21,339	842	683
Glenn & Barb Carper	B3	53.4	86.9	21,630	800	682
Jesse J Yoder	B3	76.2	88.6	20,828	774	677
Randolph A Hoffman	3	42.8	87.1	21,044	788	676
Chriss+Trish Nipple	B3	56.9	90.7	20,241	796	671
George Stoltzfus	3	35.6	86.7	21,164	759	671
J+G+K+J Blank	B3	60.0	85.4	20,643	753	655
Pasture Green Farm	3	39.5	88.3	20,454	761	654
D&N Hornberger	B3	27.2	90.2	20,103	707	638
Dare E Land	B3	21.0	89.8	19,734	695	637
ER+KA Farms	B3	56.8	83.5	20,547	677	630
Seven Oaks	B3	52.0	88.1	19,403	715	630
HL Narehood & Sons	B3	59.3	90.1	18,922	779	611
Dennis L Hunsberger	B3	63.9	87.1	19,546	692	600
Alvie D Cook	B3	68.5	85.9	18,710	655	590
David Apple And Son	B3	57.8	88.9	18,668	708	589
John M Kurtz	B3	36.5	86.7	19,087	717	589
Richard+Betty Weller	B3	44.6	92.8	18,025	657	587
Tim+Arlene Yoder	3	36.5	91.6	18,516	706	585
Michael&Mary Hauck	B3	46.7	87.5	18,913	687	584
Sheldon&Sue Shaffer	G3	33.0	89.1	17,858	670	580
Leire Fry & Sons	B3	125.8	86.9	17,481	657	574
Ken + Edna Smith	B3	69.5	88.6	17,912	616	569
Ne-La-Le Farm	B3	47.8	87.2	16,992	650	564

Ag Committee Meets At Farm Show

HARRISBURG (Dauphin Co.)— Farmers will have the chance to talk with top-level officials from both the PA Department of Agriculture and the Department of Environmental Resources at a meeting hosted by the Agricultural Advisory Committee, 9:30-11:30 a.m., Wednesday, January 15, room B of the Farm Show Complex.

"The officials at both departments develop many of the regulations and procedures which the farming community follows," said Steve Robinson, past chair of the committee. "This meeting will give farmers the opportunity to meet face-to-face with some of these officials and ask them questions."

Deputy Secretary Caren Glotfelty from DER and Deputy Secretary Walter Peetchatka from PDA will be on hand to answer questions. Other speakers and topics will include: Roger Fickes, chief of the Division of Rivers and Wetlands Conservation, on wetlands; Personnel from Bureau of Waste Management on compost-residual waste regulations; and Deputy Sec. Glotfelty on groundwater protection strategy.

The Agricultural Advisory Committee advises both DER and the Department of Agriculture on regulations and policies affecting the farming community. Membership consists of representatives from the three general farm organizations, Penn State University, members of the House and Senate Ag and Rural Affairs committees and other agencies directly dealing with agriculture.

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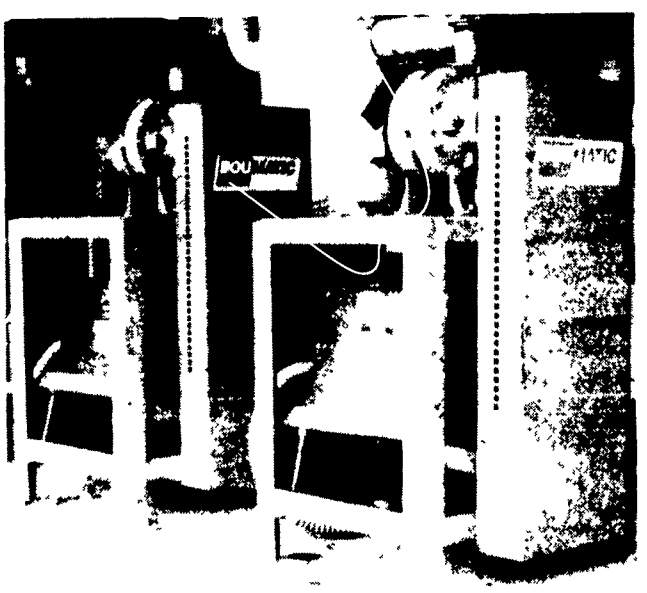

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Nebula Eric Lang, Brooklin, IA
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Data Source: July '91 USDA Sire Summary

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❝ In our Etazon program, a lot of emphasis is placed on pounds protein This makes CUBBY, with 82 lbs. of protein, an important bull in our breeding program CUBBY compliments for conformation our donor cows sired by Cleitus, Secret, Ned Boy and Mark.❞

Jake Chardon, Etazon Nederland

❝ AMS has used CUBBY in England, France, Germany, Spain and Brazil because we respect the cow family. We have been involved with exporting maternal brothers to CUBBY, flushing maternal sisters for embryo export and using CUBBY for embryos We are also using ENDEAVOR, CUBBY's maternal brother, for export.❞

Robert Heilman,
AMS International, Inc., USA

❝ At a ratio of 3:1, protein to fat, CUBBY would rank among the very best in the breed on this index selection ❞

Dr. Paul Miller,
Vice-President Product Development,
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Tioga Co. DHIA

dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

November, 1991
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Emery-Rick Davis	B3	57.9	86.2	22,914	826	735
Gor-Wood-D	3	173.2	84.0	22,365	758	726
Mike Buckwalter	3	43.2	84.7	22,285	777	719
Don Mattison	B8	21.4	90.5	22,390	770	709
Henry Sherman	B3	37.3	84.8	22,321	744	706
Charles&Doris Porter	B3	55.7	90.5	20,931	772	670
Doug+Jenny Lawton	3	59.2	89.1	21,096	761	668
Glenn Bowen	3	29.5	91.8	19,832	750	655
L&J Holsteins	B3	36.8	87.2	20,413	812	655
Bishcroft Farm	3	83.0	90.9	20,064	741	652
Double B Farm	3	52.1	85.5	19,924	737	640
Terry & Linda Long	B3	31.0	90.6	19,645	750	640
Robert L Miller	B3	85.1	85.0	20,526	725	639
Clifford Brace	B3	58.7	86.3	19,978	711	634
Tom + Lynn Bower	G3	91.9	86.8	20,804	784	634
Mark Heater	B3	47.7	86.8	19,540	685	631
Laverne + Ann Phelps	G3	58.4	85.1	19,767	694	629
William Chamberlain	3	46.3	86.0	19,322	718	625
Fred Pazzaglia #2	G8	45.1	82.7	19,239	685	623
Barry&Jane Hultz	B3	69.6	87.5	19,109	678	618
Larry & Mary Herman	B3	83.8	84.0	18,829	642	614
Sweetbriar Acres	B3	80.0	90.0	18,807	700	612
Scott & Lisa Bush	3	59.3	86.2	19,219	708	610
Fred Pazzaglia #1	G3	59.4	87.1	18,030	629	605
Darwin + Susan Brace	B8	35.5	89.6	18,436	678	603
Dave+Donna Cleveland	G3	46.9	84.1	18,593	670	600
Robbins Hill Farm	G3	69.6	86.2	19,093	666	598
Allan J Lilley	B3	29.3	86.9	18,902	643	596
Roy A Schanbacher	3	69.0	84.9	18,511	686	593
Tom Gruver	B3	46.0	92.2	18,536	659	593
Timmerill Farms	B3	62.5	88.6	18,057	645	590
Thomas&Brenda Pepper	B3	35.7	90.4	17,947	686	590
James Ebersole	G3	39.9	83.7	17,937	652	589
Bruce T Metzger	B3	25.5	85.9	18,613	654	589
Gerald Hurd Jr	G3	53.4	91.8	18,628	674	587
Merl + Randy Preston	B3	43.0	86.2	18,352	753	585
Lewis Gardner	B3	52.0	88.8	18,141	659	584
Walter Sampson	B3	29.8	91.0	18,602	648	584
Bill Peoples	B3	24.2	87.4	18,818	654	581
Bernard G Courtney	3	175.6	89.8	17,581	680	580
Middle Ridge Farm	B3	101.9	89.2	17,404	659	577
Vernon H Good	G3	49.3	88.4	18,385	641	576
Schmelway Farms	3	47.3	89.2	18,493	654	573
Paul Oakley	B3	74.6	91.0	17,543	646	572
P Rumberger & Karen	B8	43.1	87.8	17,738	625	569
Mike+Shirly Thompson	B3	41.9	81.7	17,992	644	568
Stanley&Karen Bates	B8	56.5	89.9	17,969	631	567
War-Bern Farm	3	103.5	83.7	18,112	689	563
Bob & Karen Butler	B3	40.5	87.0	17,846	666	563
Heydmont Farms	B3	39.2	88.5	18,348	661	560
Walter+Pete Sherman	B3	140.0	87.6	17,487	651	560

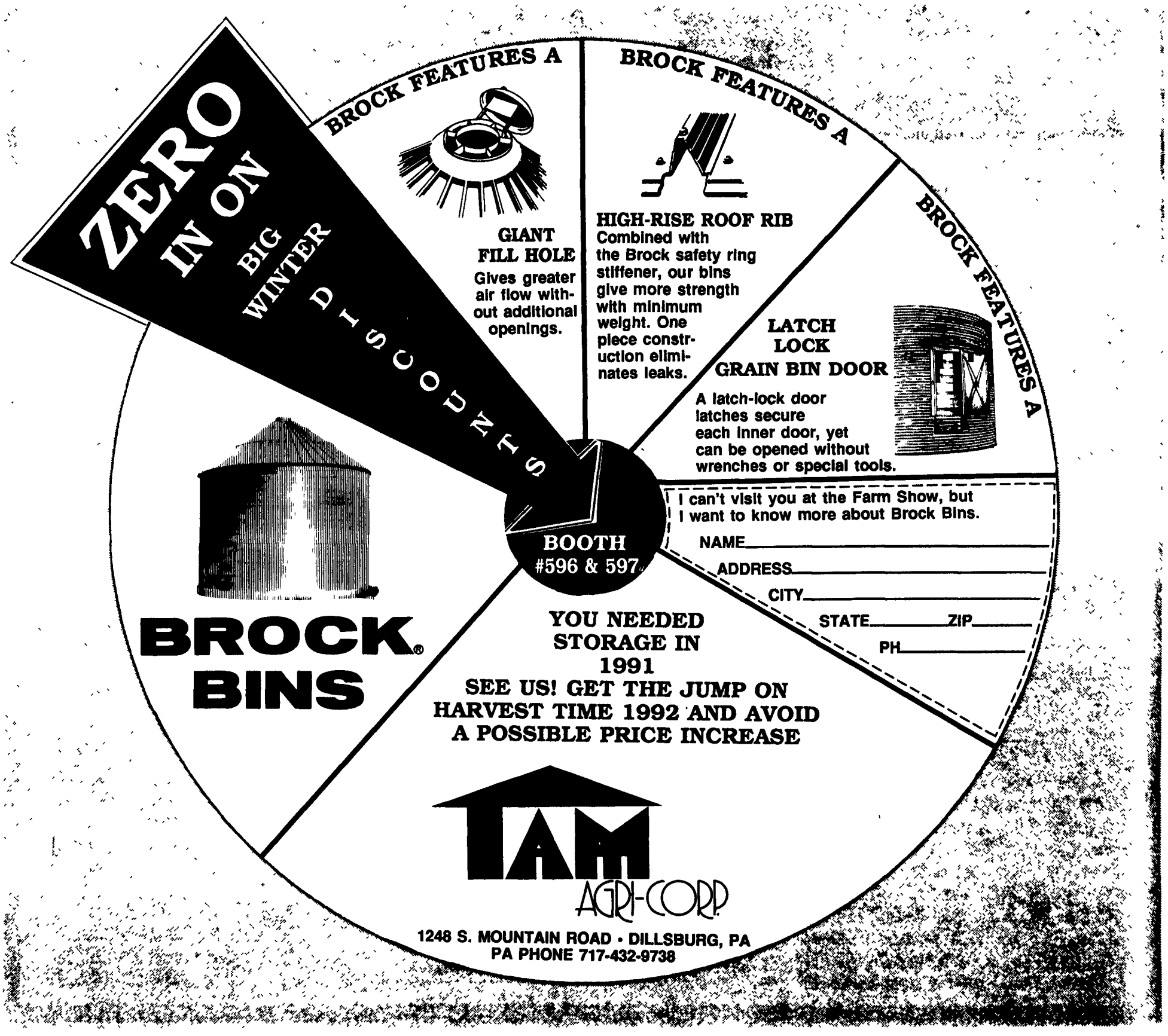
Lactation Report

Emery-Rick Davis					
Julie	8-8	305	29,288	1140	911
Trysu	5-4	286	26,157	922	807
Carole	3-0	305	24,050	716	751
Double B Farm					
Velour	1-11	305	26,679	972	832
Merl & Randy Preston					
Vi	5-3	305	24,624	1168	825
Henry Sherman					
Ali	6-6	305	26,995	760	824
Barry & Jane Hultz					
Marsha	6-1	305	26,159	909	807
Clifford Brace					
Sarah	9-9	305	24,081	859	807
Daisy	4-10	305	25,235	849	756
Tuffy	5-2	305	23,250	1009	743
Penny Rumberger & Karen					
Lowbag	7-1	305	25,062	869	787
Timmerill Farms					
Gina	6-9	305	23,074	841	785
Vernon H Good					
21	4-10	305	25,557	719	783
Dave & Donna Cleveland					
Kara	4-10	305	23,669	1026	782
David & Joy Ward					
Holly	4-2	305	25,329	877	779
David M Weaver					
Lady	5-6	305	22,830	787	768
Mike & Shirley Thompson					
3	5-10	305	22,915	853	743
Bishcroft Farm					
Celeste	5-5	305	23,130	893	709
Sweetbriar Acres					
370	5-4	305	24,296	856	726
Charles & Doris Porter					
Starwar	5-3	305	23,411	886	724
Shadowcliffs Farm					
Peg	4-3	305	22,966	891	724
William Chamberlain					
446	2-2	305	22,114	864	718
Tom & Lynn Bower					
173	6-1	305	22,279	960	700

Northumberland County DHIA

November, 1991
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Fred & Tom Strouse	B3	61.7	89.7	23,574	880	730
Gary Truckenmiller	B3	73.6	88.8	22,548	834	718
RMD Shultz Farms	B3	86.3	88.0	22,314	771	710
Shoch Manor Farms	B3	58.6	91.3	20,240	737	657
Jerry Smith	3	46.9	91.0	19,978	716	654
Clayton H Swartz	B3	33.5	90.1	20,043	738	647
North Rush Holsteins	3	12.8	87.5	20,229	759	650
Wayne Klock	B3	33.0	89.8	19,495	667	642
Brent Buckwalter	3	101.5	85.4	19,330	719	628
Ernest L Wolfe	B3	62.2	85.0	19,329	753	616
Matthew A Lucas	B3	33.8	90.0	18,627	639	602
Luke N Rebuck	B3	43.9	89.2	19,037	745	594
Orville Shultz	B3	52.9	86.0	18,342	698	593
William A Betz	B3	56.6	90.5	18,786	646	589
Lehman Brothers	B3	43.8	85.2	18,597	654	582
Kenneth R Weaver	B3	62.0	92.7	17,704	664	565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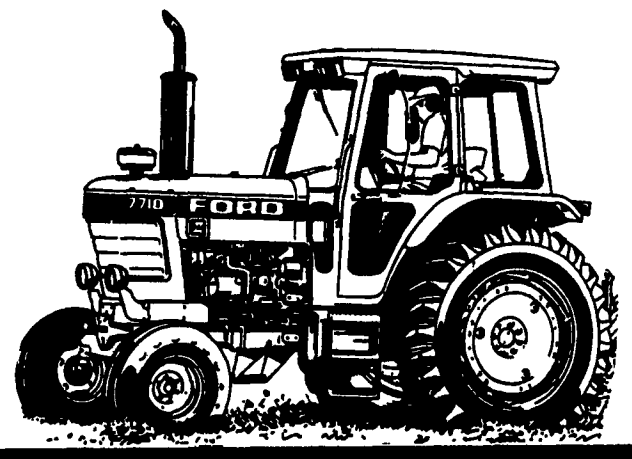

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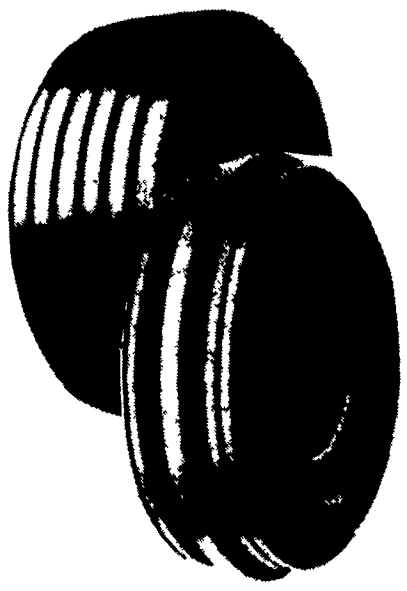
11Lx14 TT	6.Ply	$50.00
11Lx14 TT	8 Ply	$53.00
11Lx15 TT	8 Ply	$46.00
12.5Lx15 TT	10 Ply	$71.00
12.5Lx16 TT	14 Ply	$83.00



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SIZE	PLY	SALE PRICE
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- Excellent drawbar pull with long-bar, short-bar lugs for improved traction.
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- Strong angle-braced lugs have self-cleaning design.
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SIZE AND DESCRIPTION	SALE PRICE
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- Two Steer Belts For Strength And Stability
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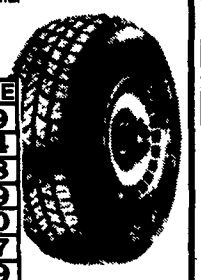
LT22575 R16	D	$79
LT23585 R16	E	$95
LT24575 R16	E	$98



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- Double Steel Belts Protect Against Bruises And Punctures
- Distinctive Outline Black Lettering

WHITEWALL SIZE	PRICE
P15580R13	$29.00
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P18580R13	$35.00
P18575R14	$37.00
P19575R14	$38.00
P20575R14	$40.00
P21575R14	$43.00
P20575R15	$41.00
P21575R15	$44.00
P22575R15	$46.00
P22575R15	$48.00

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- Polyester Cord Plies For Smooth Ride
- Distinctive Sidewall Styling For Premium Appearance

WHITEWALL SIZE	PRICE
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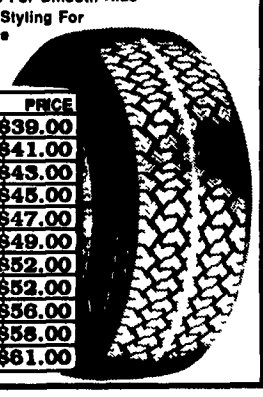
P15580R13	$41.00
P17580R13	$43.00
P18580R13	$45.00
P18575R14	$47.00
P19575R14	$49.00
P20575R14	$52.00
P20575R15	$52.00
P21575R15	$56.00
P22575R15	$58.00
P23575R15	$61.00



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- High Traction, High Mileage Tread Compound

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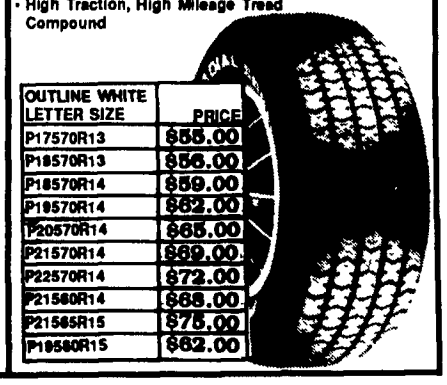
P18570R14	$59.00
P19570R14	$62.00
P20570R14	$65.00
P21570R14	$69.00
P22570R14	$72.00
P21560R14	$68.00
P21565R15	$75.00
P19560R15	$62.00



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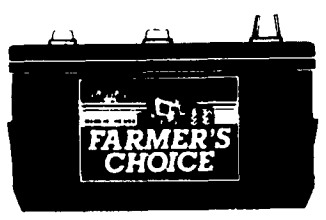

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AFT Video Carries Important Message

NORTHAMPTON, Mass. — Farmers speak for themselves in "Farmland Forever," a new documentary video produced for the American Farmland Trust (AFT) by Florentine Films.

AFT is a national conservation organization devoted to protecting America's farmland resources. The video is one way AFT is meeting the public education component of its program, which also includes policy development and land acquisitions.

Four farm families in New England and California are featured in the 18-minute VHS video. They have protected their farmland using a technique called purchase of development rights (PDR).

PDR programs give landowners a valuable option to selling their land for housing developments and shopping malls. With PDR, farmers can sell the right to develop their land instead of the land itself.

They continue to own their property and are paid for the additional, non-farm development value. As Neil McIsaac, a California dairyman in the video describes it, "We've got land that's worth something. And the development rights are separate from the land. Rather than waiting somewhere down the line and cashing everything out, we're able to sell the development rights and use those dollars either back in the operation, or to reinvest to give us some financial security to bring another family member along."

The farmers filmed present their experiences with PDR programs with candor, sincerity, and humor. Gordon Williams speaks about his family's strong land stewardship ethic. His son Daryl represents the 11th generation on their Connecticut River Valley farm. With true Yankee humility he confesses, "I feel the sale of my development rights makes me sort of a hero because I've always felt very strongly about the land and no matter what happens to me now, it'll always be a farm."

AFT wanted the video to show the benefits of PDR by having successful, commercial farmers explain why they chose to protect their land by selling development rights. AFT was especially interested in reaching farmers in states that have new PDR programs or where PDR is under discussion.

"By using farmers to explain the program and what it meant to them, the video is an excellent way to reach other farmers. We'll definitely use it," said Boyd E. Wolff, Pennsylvania Secretary of Agriculture.

The sale of development rights also provides farmers with a valuable option in estate planning. AFT has a new brochure available, "Your Land, Your Legacy," that outlines several estate planning and conservation strategies.

For more information on purchasing copies of the video, or receiving AFT's literature on the purchase of development rights, estate planning, and other farmland protection techniques, contact the American Farmland Trust, Northeastern Office, One Short Street, Northampton, MA 01060.

Watch For Coccidia Infection In Sheep

UNIVERSITY PARK (Centre Co.)— Limited pasture land caused by the drought has prompted many sheep farmers to house and feed their animals in confined quarters, which can lead to an increase in coccidia Infections, according to a sheep expert in Penn State's College of Agricultural Sciences.

"Two factors seem to trigger a coccidia outbreak: stress, and poor sanitation in confined areas," says Dr. Clair Engle, associate professor of animal science.

Coccidia is caused by tiny parasitic protozoa entering the walls of the intestinal tract. The protozoa multiply, swelling and rupturing the cells of the intestinal wall. "These ruptures cause hemorrhaging, resulting in bloody diarrhea and dark, tarry feces," Engle says. "If feces containing these parasites are permitted to contaminate feed and water, or if sheep pick them up from grazing or licking contaminated areas, they become infected."

Most sheep carry coccidia protozoa, but adult sheep seldom show clinical signs. Coccidia often cause sudden death in lambs three weeks old and younger. "Coccidia are opportunistic parasites," says Engle. "This means they do the most damage during stressful periods, such as lambing, weaning, moving, unfavorable weather and outbreaks of other infectious diseases."

Nearly all farm animals are susceptible to some form of coccidia, but sheep do not transmit the parasite to other species, nor do they become infected with the coccidia protozoa from other species.

"If one of your sheep is showing signs of the disease, have your veterinarian confirm the disease as soon as possible and prescribe necessary treatment," Engle says.

All animals in the herd should be treated. Those with clinical symptoms should receive individual sulfa drug treatment, and those showing no signs can be treated by medication mixed with feed or water.

"You and your veterinarian also should discuss preventative measures for controlling continued outbreaks," Engle says. "The best prevention for this insidious parasite infection is a program that combines a watchful eye for symptoms, good sanitation practices and a feed-grade coccidiostat."

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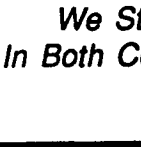

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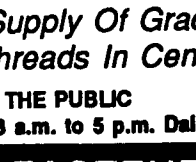

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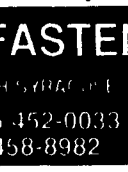

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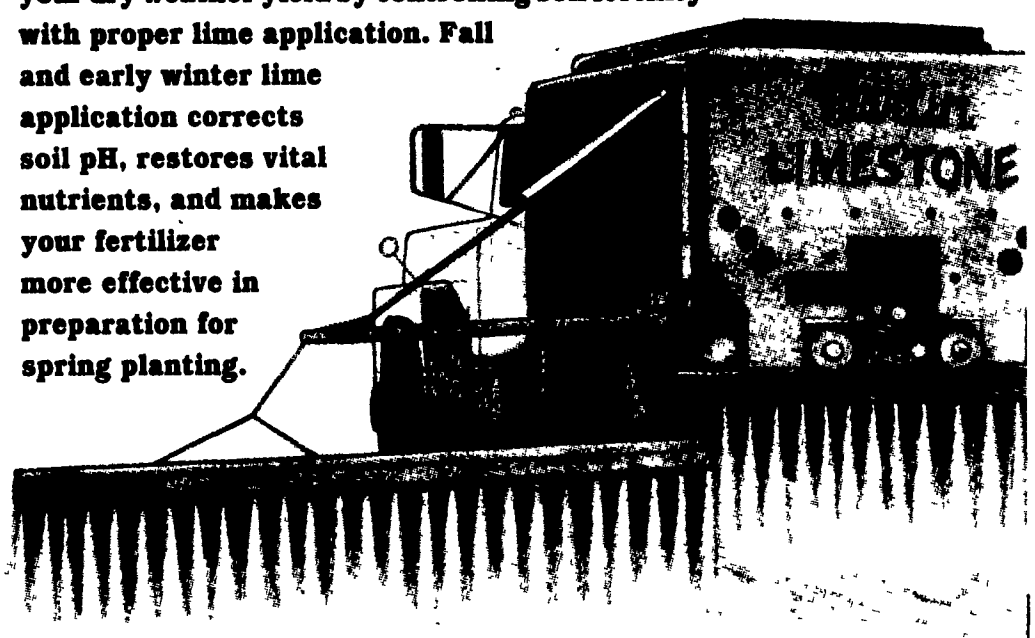

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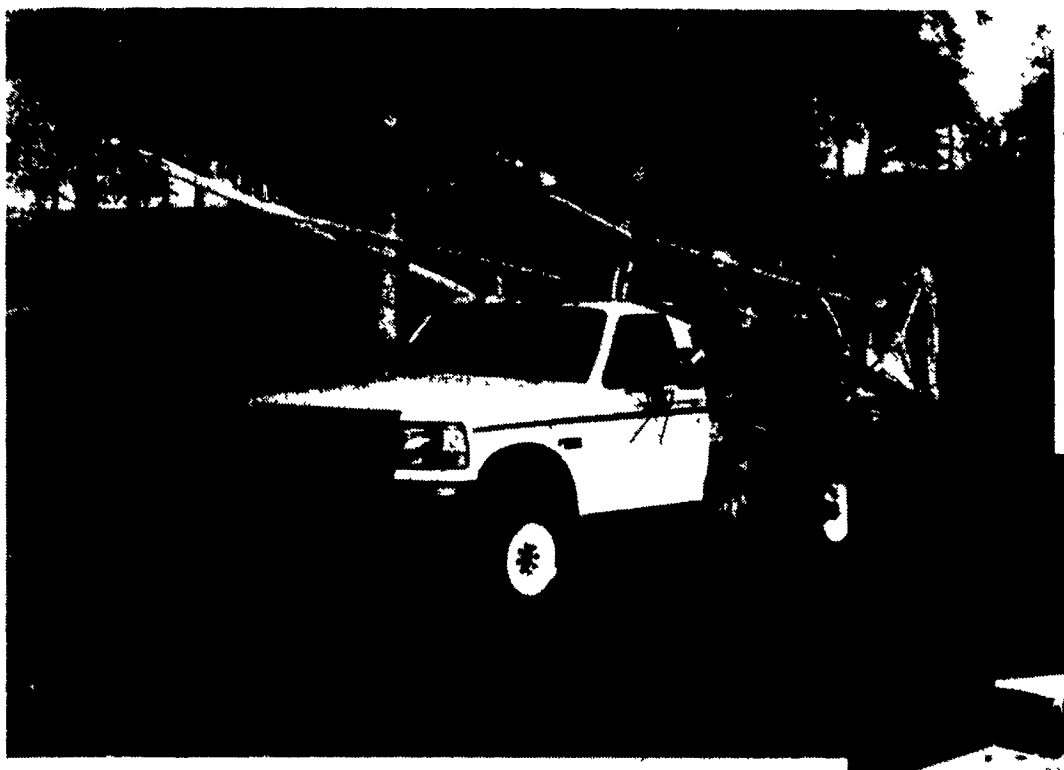

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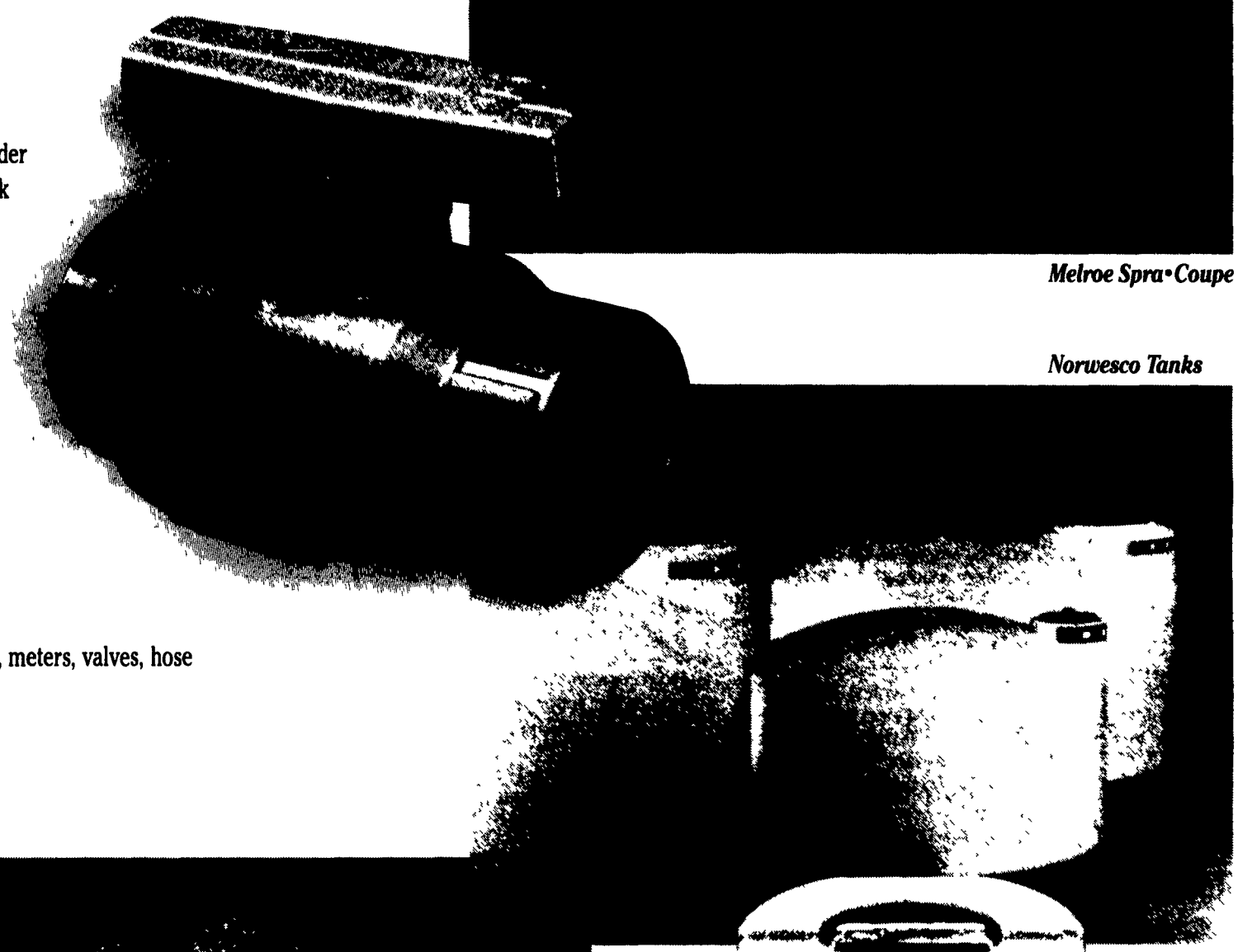

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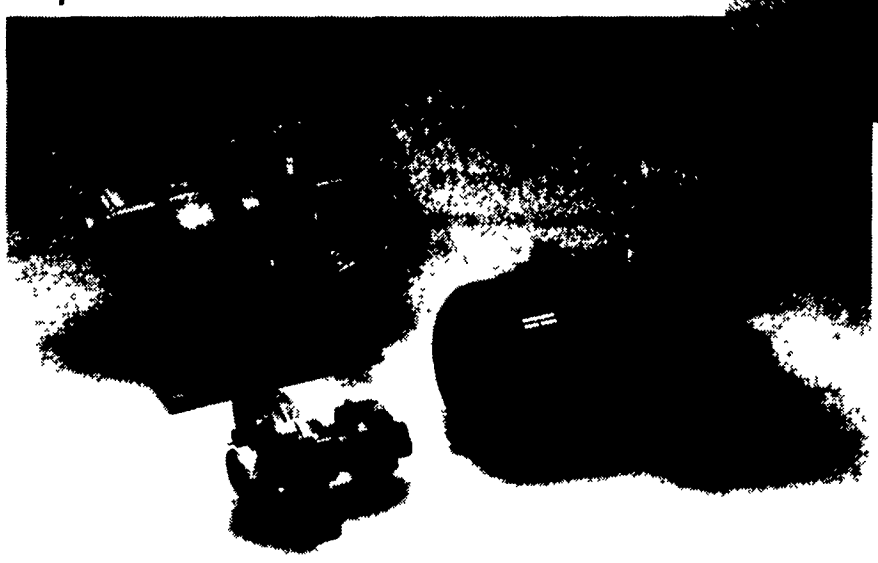

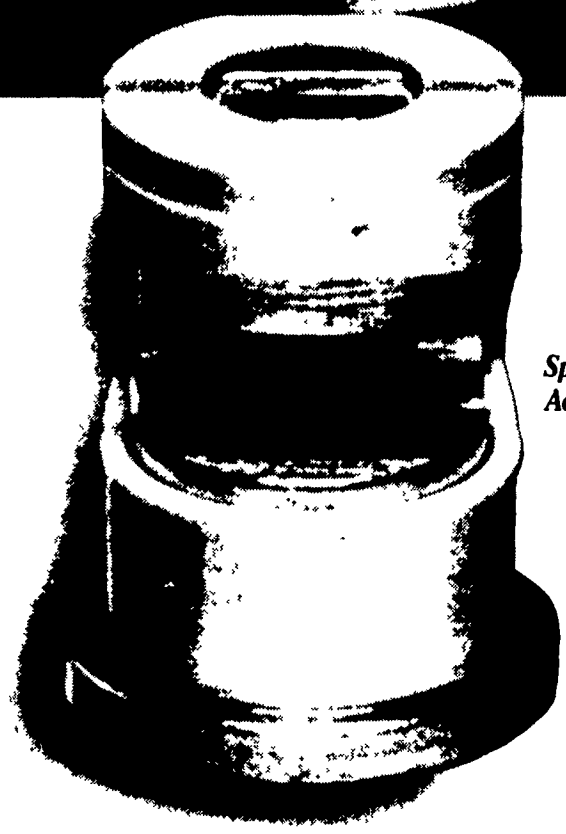

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Livestock Notes

Texel Sheep

If you have read any of the popular sheep magazines, you may have seen articles about Texel sheep. This breed was developed in the Netherlands and is known for it's ability to produce lean, muscular carcasses off a forage based diet. It is becoming one of the more popular sire lines for producing lamb.

Since 1985 the U.S. Meat Animal Research Center (MARC) in Clay Center, Nebraska has studied the Texel. To make comparisons between breeds, MARC studied growth and carcass traits of both Suffolk and Texel sires used on commercial, white faced ewes, typical of many mid-west farm flocks. Performance of 325 lambs and carcass traits of 183 lambs over two years were analyzed.

Texel sires lambs had more desirable vigor scores at birth, experienced less lambing difficulty (3 vs. 9 percent) and had greater survival to weaning (89 vs. 81 percent) than lambs sired by Suffolk rams. Birth weight, preweaning rate of gain and weaning weight did not differ between lambs sired by the two breeds.

After weaning, Suffolk sired lambs grew faster and weighed 9.3 pounds more at 27 weeks of age than Texel sired lambs. At slaughter, carcasses of Suffolk sired lambs were heavier, longer, had more fat and more protein than the carcasses of Texel lambs. However, there were no differences in loin eye area, fat over the last rib or kidney and pelvic fat.

It appears that the Texel lambs produce leaner carcasses and the lambs have better fitness traits (lamb survival) than Suffolk lambs. However, they do not grow as fast nor do they reach the same mature size.

The Texel will probably become more popular as a sire breed because of it's favorable comparisons in these research trials.

National Sheep Referendum

Sometime during August you will receive a ballot from the ASCS office concerning the national sheep referendum. The National Wool Act of 1954 authorizes the Secretary of Agriculture to deduct an amount from wool incentive payments to be used for promotion, education and market development programs for lamb, wool and their products. You have probably noticed this deduction in your wool incentive payment checks in years past. The vote this August is to continue the deduction.

It is proposed that the deduction rate for 1991 be up to seven cents per pound of shorn wool and a comparable amount on the unshorn lamb payment. The deductions could increase one cent per pound of shorn wool during the calendar years 1992-95.

Keep in mind that this deduction is from your incentive payment and not from the check you receive from the wool pool or woolen mill. And while it seems that 7 cents per pound is quite a bit with today's wool prices, we must remember that if we don't promote our own product, no one else will.

The average American eats only about one and a half pounds of lamb each year. In comparison, we eat nearly 70 pounds of beef and poultry each year, 60 pounds of pork and 19 pounds of turkey. It was just a few years ago that Turkey consumption per capita was not that much more than lamb consumption. Look what promotion and education has done for the turkey industry.

The money from this deduction is used to educate chefs, meat industry people, consumers and wool buyers about American lamb and wool. Some of the money will come back to Pennsylvania for use within the state. The distribution of the funds is governed by The American Sheep Industry Board of Directors, which is made up of 85 sheep producers from around the country. The money is from sheep producers, for sheep producers to promote their products and build a stronger market. Watch the mail for your ballot.

Breeding Season

Breeding season is only a month or two away. Are you ready? Will your ewes produce a 150% lamb crop next year? Start making plans now.

Flushing. Providing extra feed to your ewes 2 weeks before the breeding season and a couple of weeks into the season will produce more lambs. It doesn't have to be much extra feed, a half a pound of corn per day or some lush pasture (avoid heavy clover pastures) will do the trick. If your ewes are overconditioned (fat) now, don't flush as it will only increase breeding problems.

Deworm. A couple of weeks before the breeding season the whole flock should get treated for worms. If you've been using the same worm medicine for a while, switch to a different one to avoid building up resistant worm populations.

The Ram. Don't forget the ram. Increase his feed two weeks prior to the breeding season and continue to feed extra through the season. Check his feet to make sure they are trimmed properly. If it gets too hot, put him in the barn during the day and let him work the ewes at night. Once your breeding season is over, remove the ram and keep him separate from the ewes.

Providing Boar Exposure For Replacement Gilts

Relocation, mixing with unfamiliar penmates, transportation, and boar exposure all stimulate estrus in gilts. In many swine operations, these management practices can be used without altering those that are currently in place.

For example, moving gilts from the finishing pen to the breeding facility and mixing these gilts is quite common. Transporting gilts (via truck or trailer) to the breeding facility is also standard for many operations.

But of the practices listed, boar exposure remains the most critical. Direct contact in the same pen or through the fence permits the gilt to see, hear, and smell a boar. In addition, use the following guidelines to improve breeding efficiency of replacement gilts.

- Gilts should be at least 160 days of age prior to boar exposure. Younger gilts may not respond at all or may be delayed in reaching first estrus.
- Boars used for stimulating estrus in gilts should be at least nine months of age, since younger boars will not stimulate gilts as effectively as older boars.
- Provide at least 30 minutes of boar exposure daily. Less than 20 minutes of daily boar exposure does little to hasten the onset of puberty.
- Rotate boars daily for estrus detection. Gilts may become "conditioned" to a particular boar, making the boar less effective in stimulating estrus.
- Gilts respond best when they are moved to the boar for exposure and estrus detection, rather than moving the boar to the gilts.

Not only is it the boar's job to breed and settle sows and gilts, but the boar can stimulate gilts to attain puberty and he can detect these pubertal gilts more efficiently and effectively than the producer.

Teen Wins National 4-H Scholarship

COLLEGE PARK, Md. — Ellicott City resident Rick Plenge, 16, recently received a $1,500 educational scholarship from Deere & Company for his work in the national 4-H conservation of natural resources program.

Plenge, a student at Mount Hebron High School, was one of six 4-H'ers to be chosen by the Cooperative Extension System to receive the award, which was presented at the 70th National 4-H Congress in Chicago recently. Awards were arranged by National 4-H Council.

Plenge received the award for progressive personal development in the conservation of natural resources program. As part of his 4-H work, he reconstructed a creek bed and stabilized an eroded hillside on his family's property.

Then, not wanting to limit his efforts to his own home, he organized a hands-on tree planting with students at a local nursery and elementary school for Earth Day 1990. He also developed a monthly newsletter, Environmental Update, in which he highlights the environmental efforts of 4-H members in the community and suggests ways in which readers can do their part to improve the environment.

Plenge created a conservation learning series for students in after-school programs, targeting the "youth at risk" in his community.

"By organizing these hands-on activities, I hope to cultivate the interest of younger generations in insuring tne future of their environment," he said. "Activities such as tree plantings not only facilitate the educational growth of our youth, but also serve as a vehicle to enhance family relations among children and their parents in a society where family support is often lacking."

Plenge has organized county 4-H clubs in the Adopt-a-Highway program that allows civic groups to adopt an expanse of highway in their community and assume responsibility for maintaining its appearance throughout the year. He also chaired his local 4-H Arbor Day Committee and the state's 4-H recycling program.

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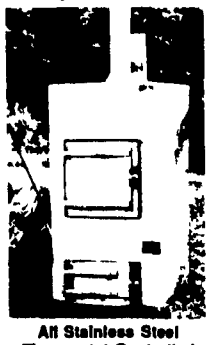

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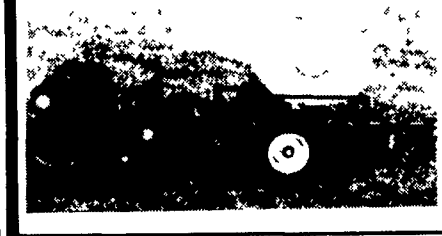

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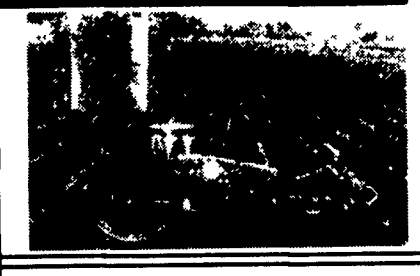

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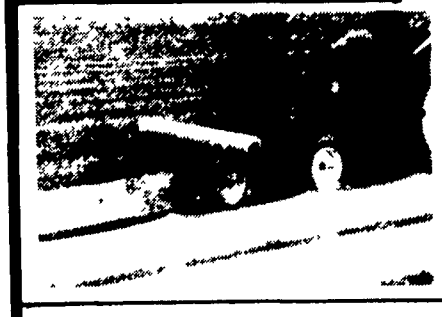

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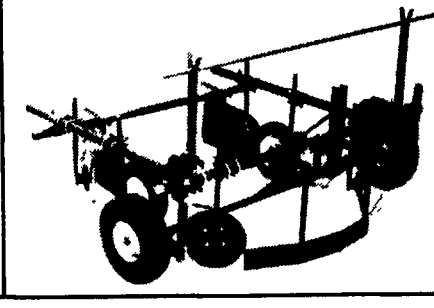

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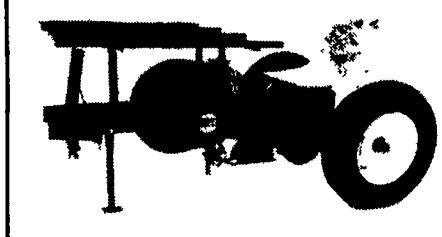

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Kubota Adds Five Models To L-Series

COMPTON, Calif. — Kubota Tractor Corporation has added five models to its popular L-Series tractor lineup. The new L2350 model and the additional clutch and transmission packages available on the L2650, L2950, L3450,and L3650 models give even greater range to the L-Series line.

Designed with economy in mind, the 20.5 PTO horsepower L2350 is equipped with the basic features needed for efficiency in standard agricultural and light construction applications. The tractor's performance is enhanced by power steering and durable, wet disc brakes. Both 2WD and 4WD models are available, with standard gear transmissions for eight forward and two reverse speeds.

Increased capabilities and top performance are hallmarks of Kubota's upgraded L2650, L2950, L3450, and L3650 tractors, which range from 23.5 to 33.0 PTO horsepower. Featuring standard and GST type transmissions, the new L-Series additions are ideal for farm and nursery applications.

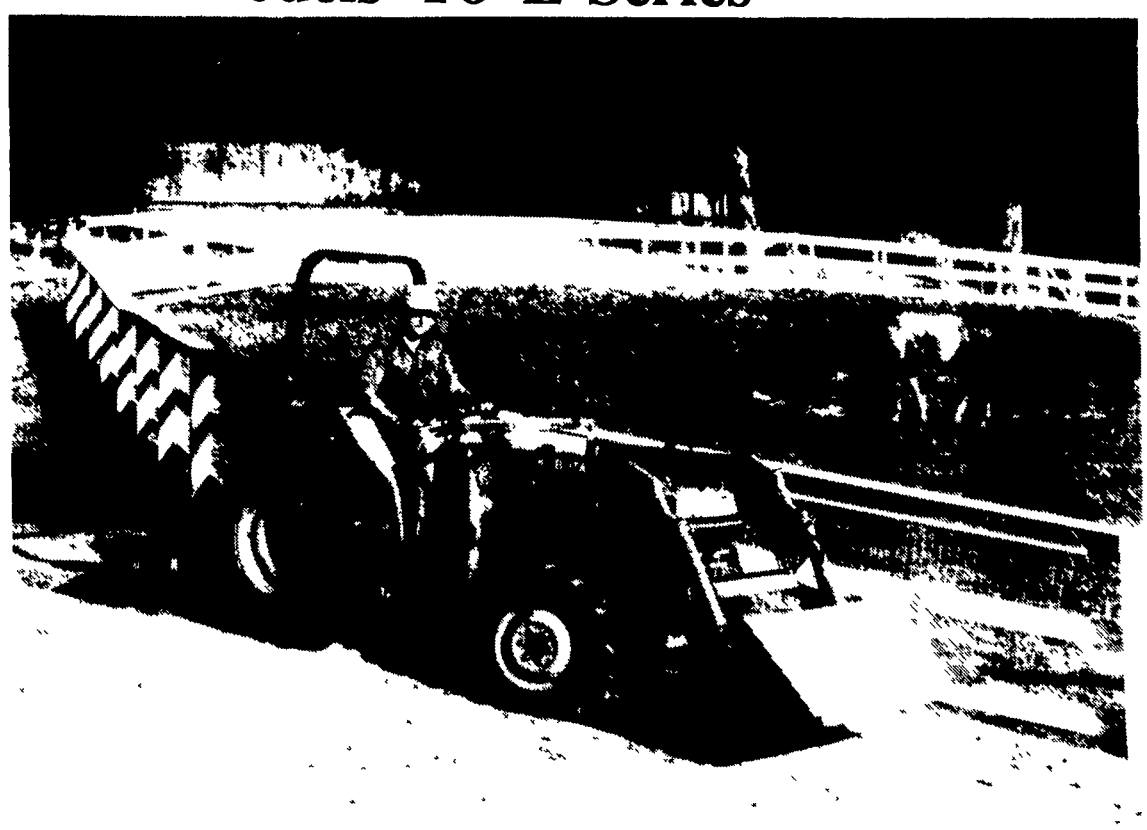
Standard on the new L2650 through L3650 models are rugged Kubota diesel engines, hydrostatic power steering (four-wheel drive models), and enhanced hydraulic power. The semi-independent mid-PTO can be disengaged while the rear PTO is in operation.

Kubota's exclusive Glideshift Transmission (GST) is now available on the L2650, L2950, and L3450 tractors, providing clutchless shifting through eight forward and eight reverse gears.

Compatible loaders and mowers head up an extensive list of implements that includes backhoes, tillers, post hole diggers, rear mount mowers, rotary cutters, snowblowers, box scrapers, rear blades, and front blades.

These new tractors expand the diverse L-Series line, which also features models with Kubota's Ever Clutch, a wet clutch disc system that operates immersed in oil.

For more information about Kubota products, contact Kubota Tractor Corporation at 550 West Artesia Blvd., Compton, CA 90220.



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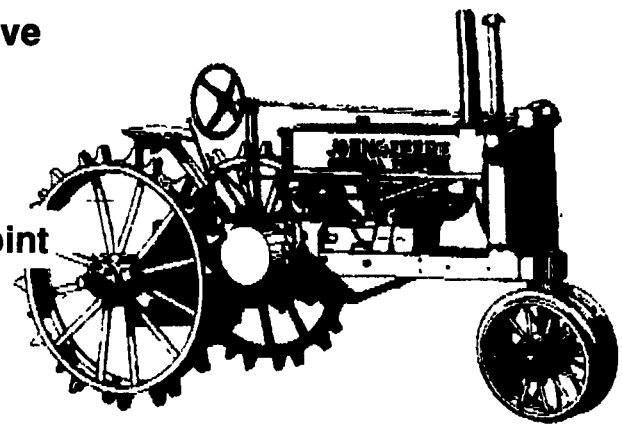

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Delaware Corn Variety Trials Sum Up Crop Year

NEWARK, DE — The results of Delaware's hybrid field corn performance trials are published and ready for distribution. The trials, conducted by the University of Delaware Agricultural Experiment Station and Cooperative Extension, covered 124 hybrids divided from five maturity groups.

The trials were held at three locations in the state: the university's Research and Education Center in Georgetown, the Round Maple Farm in Smyrna, and Rutkoske Brothers Inc. in Middletown. Hybrids were evaluated by yield, percent moisture, percent early stand, final population per acre, percent stalk lodging, percent root lodging and percent ear drop.

Bob Uniatowski, Extension associate in agronomy, reports yield average across maturities decreased by 51 bushels per acre in Middletown, 78 bushels per acre in Smyrna, and 34 bushels per acre in Georgetown. He attributes the drastic yield reduction in Smyrna to drought and high temperatures. Rainfall was only 10 inches in Smyrna during the critical months of May, June, July and August, compared to 21 inches in 1990 and 32 inches in 1989.

In Middletown, there were statistically significant differences between early, early-medium and medium maturities. But there were no statistically significant differences between the medium-late and late maturities. The three early maturity groups out-yielded two later maturities by a 20-bushel-per-acre average. There were statistically significant differences between all maturities in Smyrna except the late maturities. The early and early-medium maturity groups were most affected by the drought in Smyrna. The yield average was 102 for early maturities and 90 bushels per acre for medium varieties.

Corn varieties in Georgetown also showed statistically significant differences across groups with the exception of the late-maturing varieties. The highest yielding group in both Georgetown and Smyrna was medium-late, followed by late, medium, early-medium and early.

Uniatowski says the trial results are formatted in a bulletin with yield rankings for each location along with combined site averages and two- and three-year averages. He suggests that farmers use the trial results with an emphasis on two- and three-year averages when looking for a good, consistent hybrid for the 1992 season.

Potato Growers Will Meet At Farm Show

HARRISBURG (Dauphin Co.) — The 75th annual Pennsylvania Cooperative Potato Growers banquet is scheduled at the Farm Show Complex on January 15, 1992 during the state farm show.

The Pennsylvania Cooperative Potato Growers, Inc. was charterd in 1922 and today is the oldest agricultural cooperative in the U.S.

Pennsylvania's potato industry ranks 11th nationally, producing approximately 480 million pounds of potatoes valued at more than $35 million per year.

The cooperative has helped improve the potato industry through promotional and research efforts in search of better markets, according to Roger Springer, general manager of the cooperative.

"The potato offers consumers the desirable qualities of no fat and no cholesterol," said Springer. "Tasty yet nutritious, potatoes are low in calories — only 110 per medium potato — and high in vitamins, dietary fiber, and minerals."

Almost all of Pennsylvania's potatoes are used for fresh table stock, processing, and potato chip production. The state ranks first nationally in potato chip production, with approximately 30,500 tons a year.

For additional information, contact the Pennsylvania Cooperative Potato Growers, Inc., 3107 N. Front St., Harrisburg, PA 17110, (717) 232-5300.

Establish Yield Goals To Help Improve Profits

DEKALB, Ill. — Successful corn growers use yield goals as a part of their profit planning.

"Yield goals should be established for every field," said Rick Mason, regional agronomist for DEKALB Plant Genetics. "Set a sound, realistic goal for each field and develop a set of sound management practices which will enable you to reach that goal at the lowest cost."

Mason suggests writing the goal down, perhaps on field-by-field notes, and comparing it with actual yield at harvest.

"When the season is over, you can analyze the records to determine why you did or did not reach or exceed your goal," the agronomist said.

Mason warns, however, against setting rigid goals because growing conditions change during the season.

"For example, if seedling stands are good and soil moisture reserves are high, it is perfectly valid to raise the yield goal and sidedress a greater amount of nitrogen than originally planned," he said. "If it is droughty at tasseling time, it may be prudent to lower the yield goal and forego a corn borer control treatment that might otherwise be needed."

Mason says before setting a yield goal, verify profitability by calculating costs and returns. More yield usually requires more expenditure per acre.

"The real key is whether the cost of producing a bushel of grain is reduced," he said.

When setting a yield goal, calculate a three-to-five year average yield for a field and add 25 bushels per acre. Then modify this figure up or down to reflect your best knowledge about soil type, stored moisture status, fertility status, previous crop, and each factor of your own management, Mason said.

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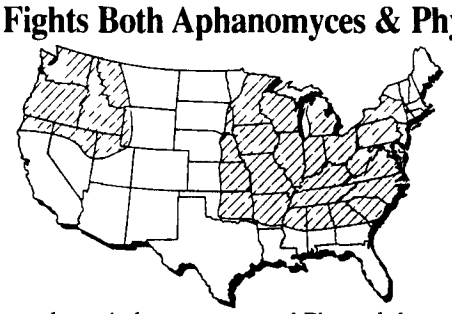
Aggressor Fights Both Aphanomyces & Phytophthora.



This map shows where Aphanomyces and Phytophthora may interact to cause losses to susceptible varieties.

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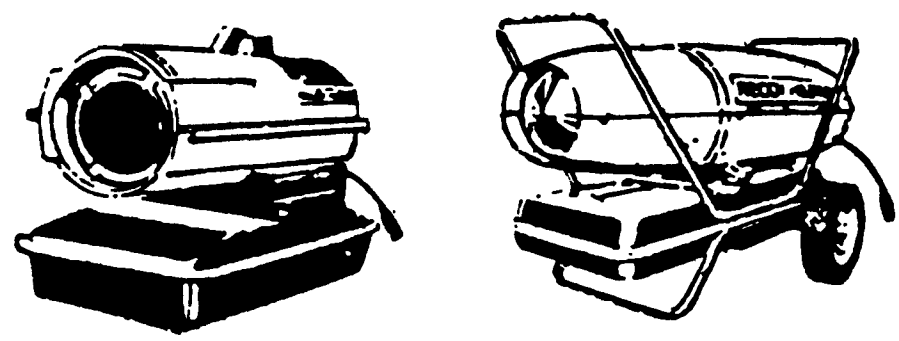

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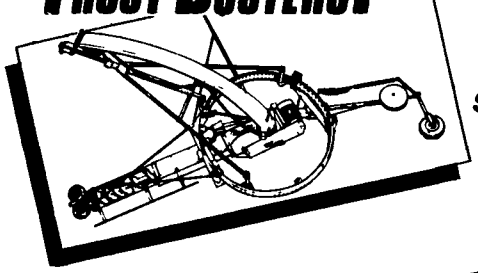

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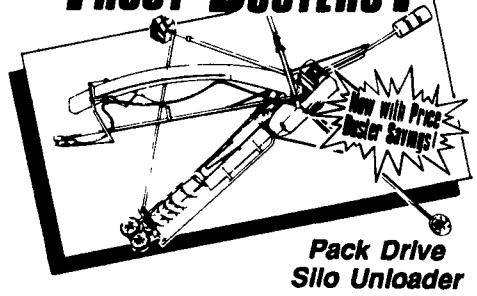

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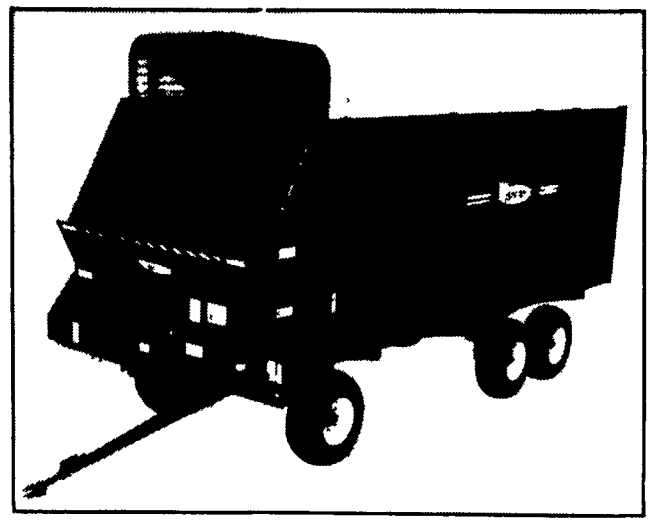

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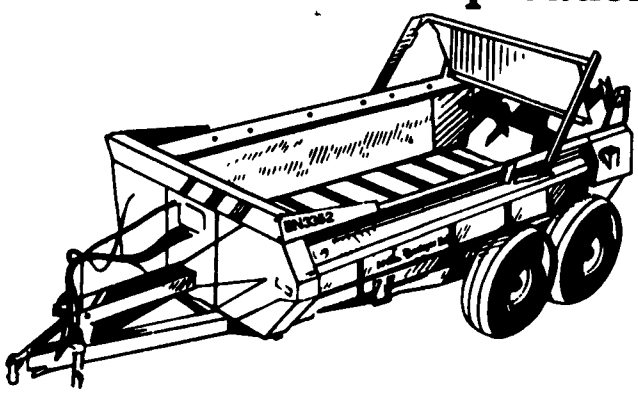

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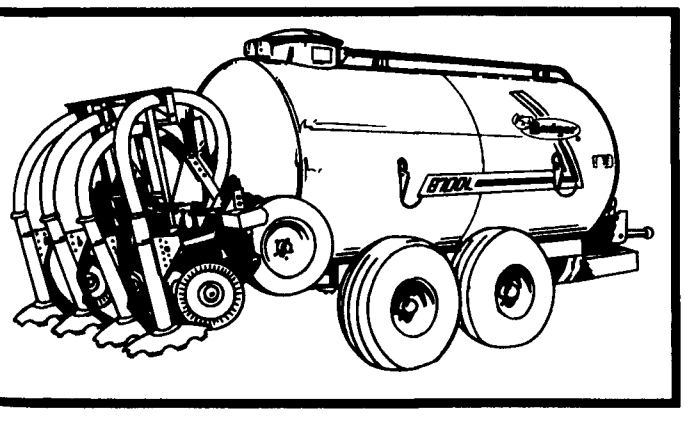
See The New Badger BN770 Barn Cleaner Transmission On Display At Farm Show



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dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

November, 1991

Records were calculated for 3,422 cows in 64 herds.

Owner	Brd.	% Days In Milk	Milk Lbs.	Protein Lbs.
Ken Deamer	41H	89.2	21,571	707
Steve & Barbara Wilson	34H	85.4	22,426	697
Glen & Tracey Henry	55H	90.5	22,456	696
Speerette Farms	63H	86.6	21,874	685
Rick & Jeanette Saner	48H	87.2	21,141	670
Mark L Zook	67H	90.9	20,813	657
Melvin M Martin	79H	85.4	20,697	647
Donald Q Adams	27H	88.0	19,941	641
Daryl & Del Brubaker	75H	87.3	19,990	636
Harold B Shearer	36H	89.0	20,007	636

Two Hundred and ninety four cows completed records of 305 days or less. 10 produced over 750 lbs. of protein; 41 produced over 650 lbs. of protein.

Lactation Report

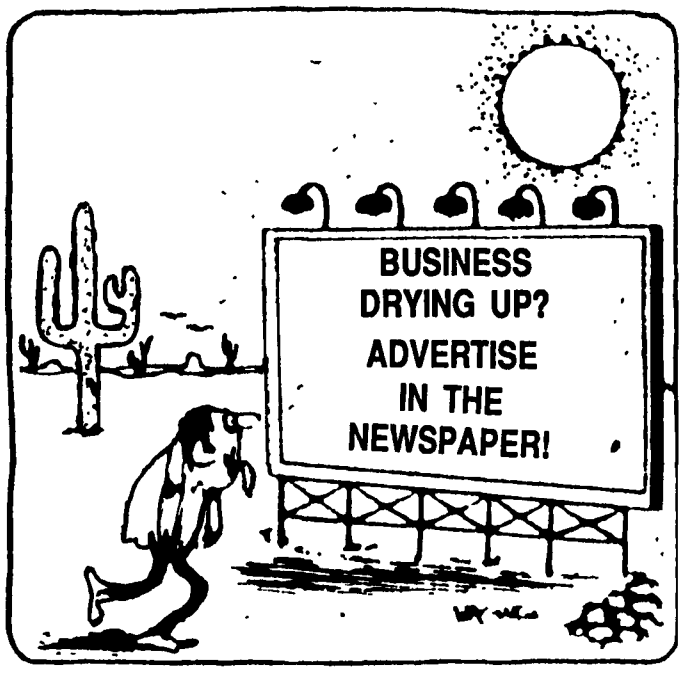
Speerette Farm		
Beth	27,435	832
Eve	25,605	795
Paulett	24,026	779
June	24,958	769
Daryl & Del Brubaker		
73Liza	24,658	795
38Billi	25,002	776
Glen & Tracey Henry		
Jayne	25,550	775
Judine	25,054	763
Mark L Zook		
Neddy	24,727	763
Melvin M Martin		
127	23.360	755

Northampton County DHIA
February, 1991

Name	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Keystone Farm	87.1	86.9	24,493	904	793
Klein Farms	55.7	89.0	22,854	785	747
Frank Miller Jr	56.4	88.3	22,676	832	745
Richard W Smith & Sons	90.5	88.9	22,235	804	726
Excelsior Farm-Fleck	78.8	86.5	22,772	780	719
Karl Miller	72.2	84.4	22,274	681	707
Juniperdale Farm	74.8	87.7	21,426	746	694
Brewer Farms	67.2	85.1	20,645	764	667
Thaler Farms	141.1	88.2	20,435	762	661

Montour County DHIA
November, 1991
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Carl R Slater & Son	3	35.9	89.0	25,562	856	806
Daryl + Nancy Landis	B3	75.1	87.1	20,638	759	677
Ed & Maryann Baker	B3	72.7	89.2	19,956	728	656
William A Vegh	5	10.2	90.6	18,729	733	643
Keith T Fletcher	B3	39.3	90.9	19,570	663	635
Mar-Ja Farm	3	149.2	90.4	18,309	752	635
Randy+Pat Kitchen	B3	53.3	89.4	18,112	688	587
William A Vegh	B3	17.5	86.0	18,381	663	587
David Appleman & Son	B3	27.3	85.8	18,570	695	585



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* Poor Feed Efficiency
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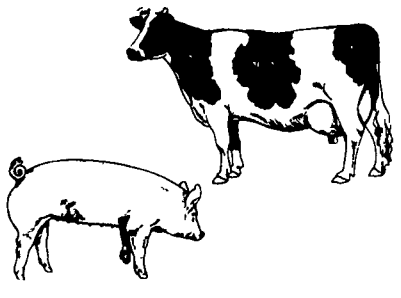

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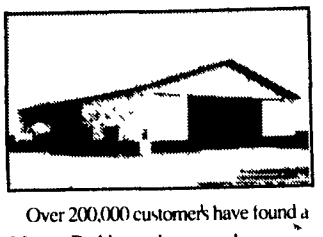

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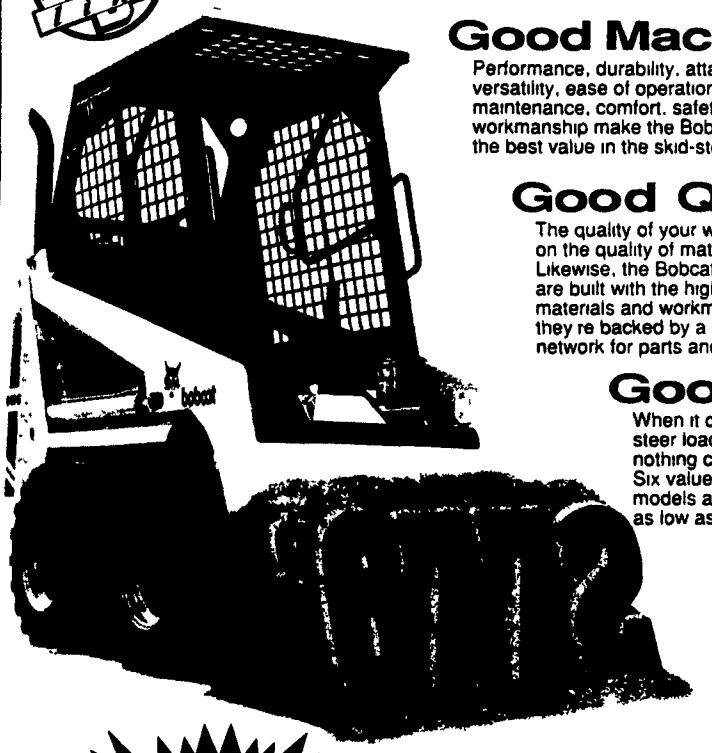

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Performance, durability, attachment versatility, ease of operation and maintenance, comfort, safety and quality workmanship make the Bobcat' "B-Line the best value in the skid-steer industry

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When it comes to quality skid-steer loaders at great prices, nothing compares to the Bobcat Six value-priced "B" Series models are available, starting as low as $6,772

*Manufacturer's suggested retail price in U.S funds excluding freight or dealer delivery charges. Price includes standard tires and dirt bucket Machine may be shown with optional equipment

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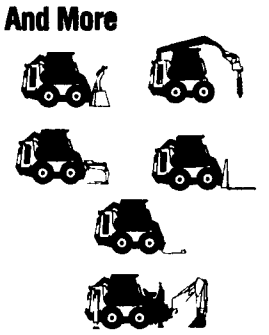
7753 - The Ideal Lift And Carry Machine... And More



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Dairy Tips By Dr. Randy Lyle, Ph.D.

Purina Mills Dairy Consultant

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